

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
 Data File : VX020093.D
 Acq On : 17 Dec 2020 02:48
 Operator : JC/MD
 Sample : VX1217WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBSD02

Quant Time: Dec 17 03:10:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	245236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	413665	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	378481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	182866	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	168148	52.17	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	104.34%		
35) Dibromofluoromethane	5.46	113	133954	50.11	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.22%		
50) Toluene-d8	8.70	98	503021	49.28	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.56%		
62) 4-Bromofluorobenzene	11.12	95	187230	48.20	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.40%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	38106	16.972	ug/l	98
3) Chloromethane	1.31	50	44177	16.730	ug/l	99
4) Vinyl Chloride	1.39	62	51849	18.623	ug/l	98
5) Bromomethane	1.62	94	20599	22.282	ug/l	99
6) Chloroethane	1.71	64	36425	21.779	ug/l	99
7) Trichlorofluoromethane	1.92	101	74617	19.244	ug/l	98
8) Diethyl Ether	2.17	74	33419	20.339	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	43932	19.767	ug/l	98
10) Methyl Iodide	2.49	142	43118	13.162	ug/l	99
11) Tert butyl alcohol	3.01	59	69049	102.665	ug/l	100
12) 1,1-Dichloroethene	2.36	96	43887	19.532	ug/l	99
13) Acrolein	2.27	56	32817	92.242	ug/l	100
14) Allyl chloride	2.70	41	75116	19.794	ug/l	96
15) Acrylonitrile	3.11	53	163397	112.140	ug/l	99
16) Acetone	2.42	43	132228	109.145	ug/l	98
17) Carbon Disulfide	2.55	76	99532	15.438	ug/l	100
18) Methyl Acetate	2.75	43	72977	24.616	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	173710	21.229	ug/l	99
20) Methylene Chloride	2.83	84	58125	20.167	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	50583	19.310	ug/l	100
22) Diisopropyl ether	3.82	45	171507	22.353	ug/l	95
23) Vinyl Acetate	3.78	43	700675	107.192	ug/l	99
24) 1,1-Dichloroethane	3.67	63	99224	21.446	ug/l	99
25) 2-Butanone	4.63	43	207270	111.341	ug/l	99
26) 2,2-Dichloropropane	4.55	77	66075	16.583	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	61835	20.171	ug/l	99
28) Bromochloromethane	4.98	49	44711	20.271	ug/l	98
29) Tetrahydrofuran	5.09	42	131127	109.328	ug/l	98
30) Chloroform	5.17	83	102876	21.625	ug/l	98
31) Cyclohexane	5.54	56	73829	18.414	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	83781	20.450	ug/l	99
36) 1,1-Dichloropropene	5.77	75	68782	18.401	ug/l	99
37) Ethyl Acetate	4.79	43	79737	21.127	ug/l	99
38) Carbon Tetrachloride	5.75	117	68176	18.625	ug/l	95

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBSD02

Quant Time: Dec 17 03:10:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	72209	16.442	ug/l	95
40) Benzene	6.11	78	225851	19.779	ug/l	100
41) Methacrylonitrile	5.00	41	43927	21.198	ug/l	100
42) 1,2-Dichloroethane	6.16	62	80930	20.744	ug/l	100
43) Isopropyl Acetate	6.41	43	124060	20.218	ug/l	99
44) Trichloroethene	7.18	130	56195	18.757	ug/l	96
45) 1,2-Dichloropropane	7.49	63	59166	20.732	ug/l	95
46) Dibromomethane	7.63	93	39186	20.333	ug/l	98
47) Bromodichloromethane	7.87	83	76590	20.028	ug/l	100
48) Methyl methacrylate	7.74	41	61220	20.287	ug/l	98
49) 1,4-Dioxane	7.71	88	29934	409.471	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	407692	108.827	ug/l	99
52) Toluene	8.76	92	137149	19.204	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	77670	18.302	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	88620	19.222	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	60384	20.981	ug/l	98
56) Ethyl methacrylate	9.16	69	86167	19.789	ug/l	99
57) 1,3-Dichloropropane	9.35	76	101485	20.651	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	232380	100.741	ug/l	99
59) 2-Hexanone	9.47	43	308645	106.289	ug/l	98
60) Dibromochloromethane	9.56	129	58221	19.912	ug/l	100
61) 1,2-Dibromoethane	9.65	107	60840	19.908	ug/l	99
64) Tetrachloroethene	9.32	164	49789	19.616	ug/l	94
65) Chlorobenzene	10.12	112	148040	19.633	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	54852	20.211	ug/l	99
67) Ethyl Benzene	10.23	91	258033	19.278	ug/l	100
68) m/p-Xylenes	10.34	106	191928	38.055	ug/l	99
69) o-Xylene	10.68	106	94500	19.478	ug/l	99
70) Styrene	10.70	104	158402	19.344	ug/l	98
71) Bromoform	10.84	173	41935	19.641	ug/l	100
73) Isopropylbenzene	11.00	105	251732	20.149	ug/l	99
74) N-amyl acetate	10.88	43	99427	19.859	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	96858	21.990	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	104012	25.360	ug/l	88
77) Bromobenzene	11.24	156	64768	20.258	ug/l	98
78) n-propylbenzene	11.34	91	287438	20.144	ug/l	98
79) 2-Chlorotoluene	11.40	91	178726	20.339	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	213191	20.219	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	24932	17.573	ug/l	93
82) 4-Chlorotoluene	11.49	91	206533	20.068	ug/l	98
83) tert-Butylbenzene	11.76	119	206815	19.999	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	217496	20.478	ug/l	99
85) sec-Butylbenzene	11.93	105	238029	20.161	ug/l	100
86) p-Isopropyltoluene	12.05	119	213381	19.720	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	112305	19.138	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	114958	19.234	ug/l	97
89) n-Butylbenzene	12.37	91	176600	18.422	ug/l	99
90) Hexachloroethane	12.58	117	35882	19.208	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	116266	20.325	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19704	20.809	ug/l	93

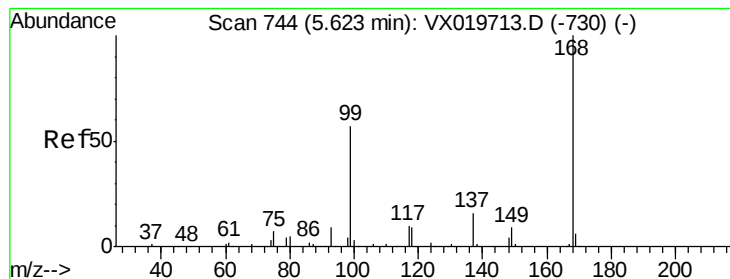
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
Data File : VX020093.D
Acq On : 17 Dec 2020 02:48
Operator : JC/MD
Sample : VX1217WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD02

Quant Time: Dec 17 03:10:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	68218	18.320	ug/l	98
94) Hexachlorobutadiene	13.76	225	32410	19.474	ug/l	96
95) Naphthalene	13.82	128	242716	20.106	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	73342	20.154	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX020093.D

Acq: 17 Dec 2020 02:48

Instrument :

MSVOA_X

ClientSampleId :

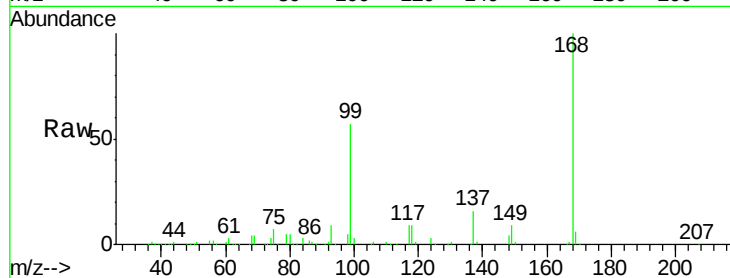
VX1217WBSD02

Tgt Ion:168 Resp: 245236

Ion Ratio Lower Upper

168 100

99 56.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

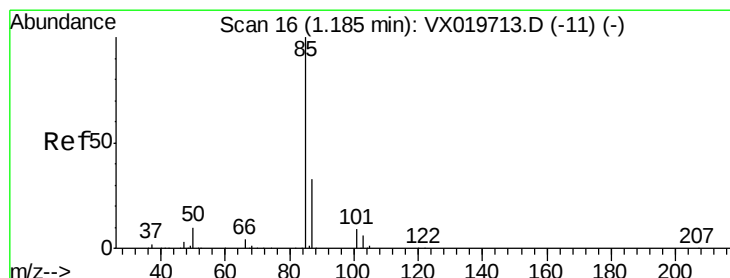
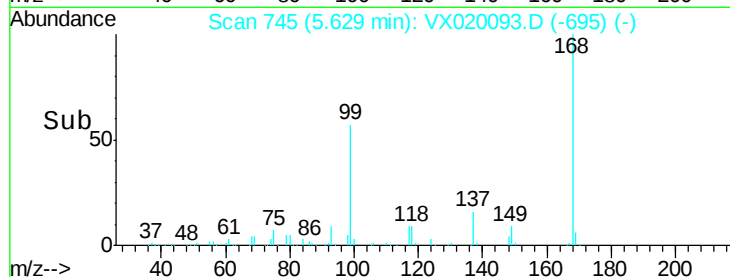
40000

20000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 16.972 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX020093.D

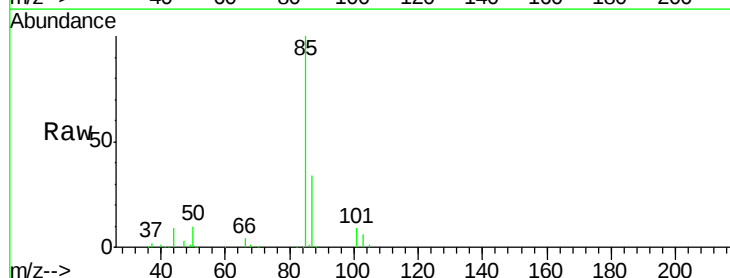
Acq: 17 Dec 2020 02:48

Tgt Ion: 85 Resp: 38106

Ion Ratio Lower Upper

85 100

87 33.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

50000

40000

30000

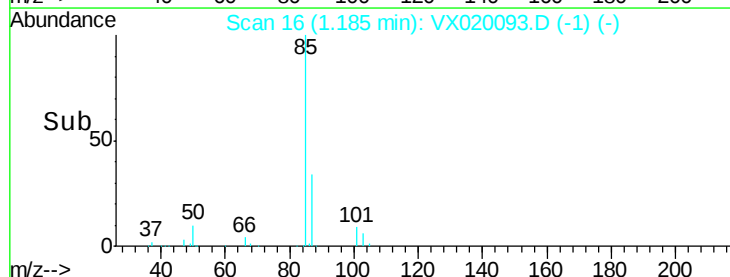
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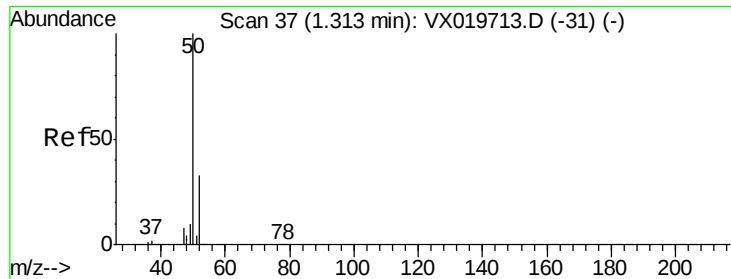
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 16.730 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX020093.D

Acq: 17 Dec 2020 02:48

Instrument :

MSVOA_X

ClientSampleId :

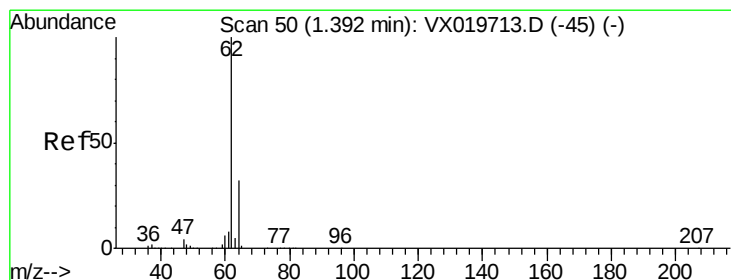
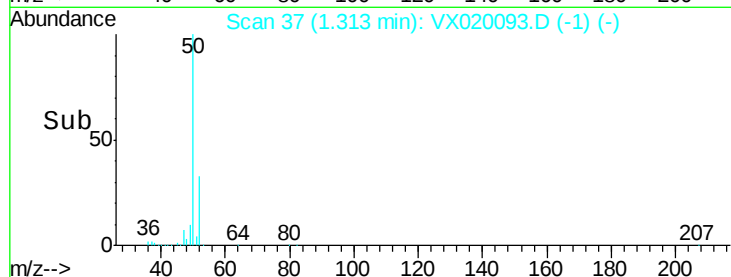
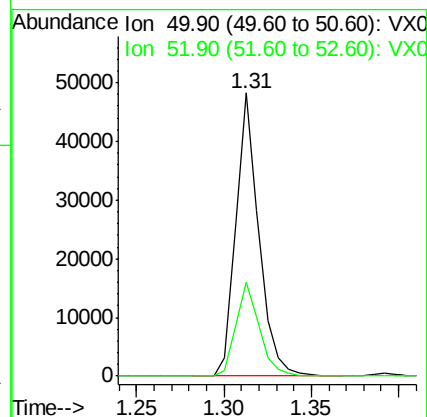
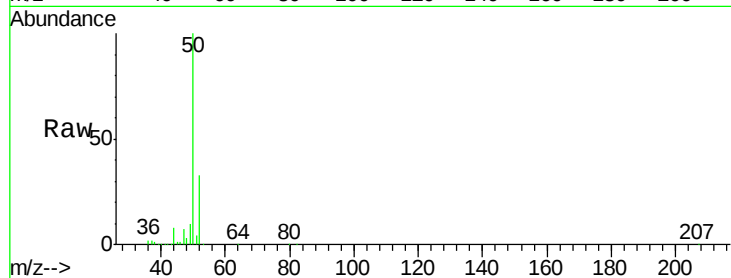
VX1217WBSD02

Tgt Ion: 50 Resp: 44177

Ion Ratio Lower Upper

50 100

52 33.3 26.4 39.6



#4

Vinyl Chloride

Concen: 18.623 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX020093.D

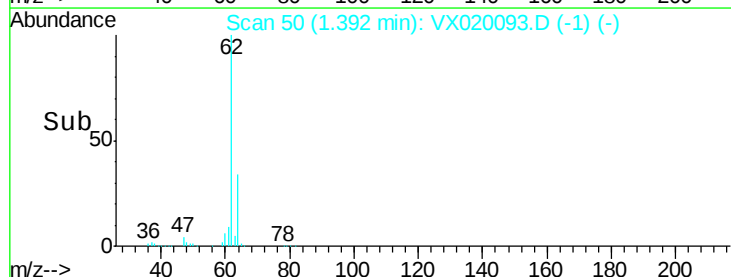
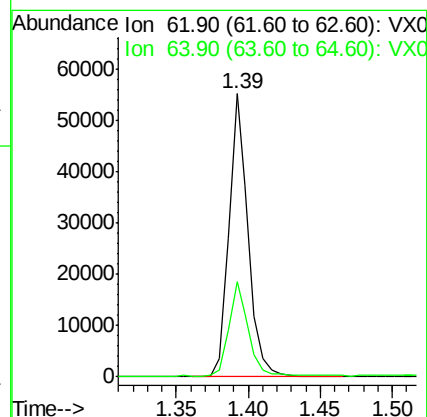
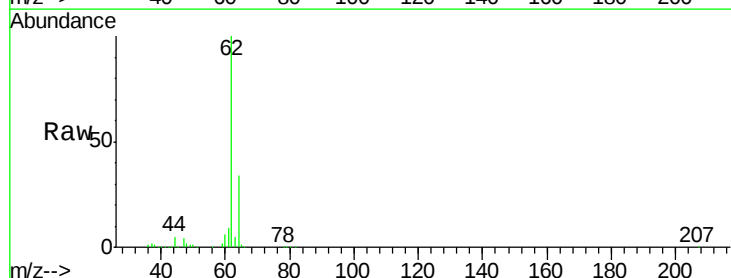
Acq: 17 Dec 2020 02:48

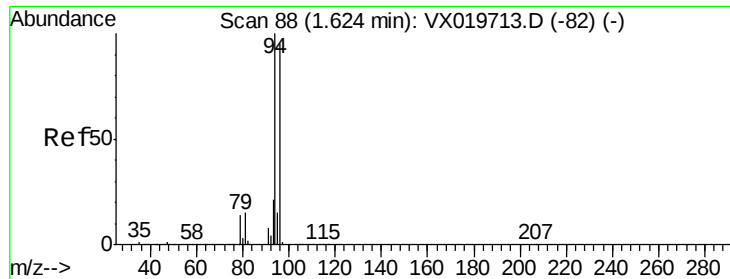
Tgt Ion: 62 Resp: 51849

Ion Ratio Lower Upper

62 100

64 33.4 25.7 38.5





#5

Bromomethane

Concen: 22.282 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX020093.D

Acq: 17 Dec 2020 02:48

Instrument :

MSVOA_X

ClientSampleId :

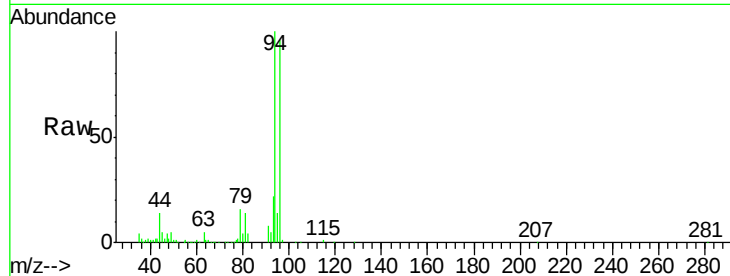
VX1217WBSD02

Tgt Ion: 94 Resp: 20599

Ion Ratio Lower Upper

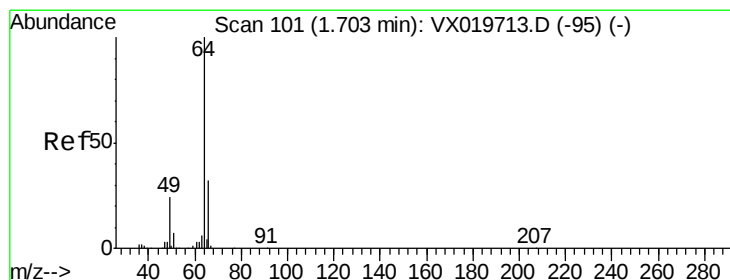
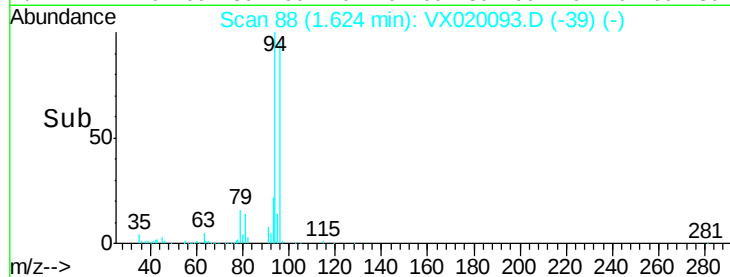
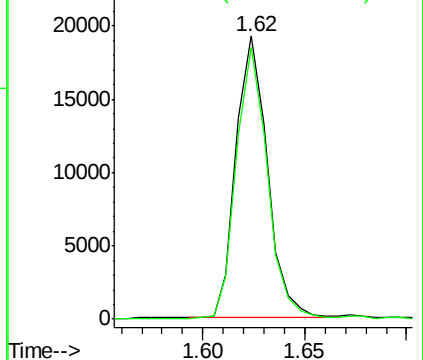
94 100

96 96.1 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.779 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX020093.D

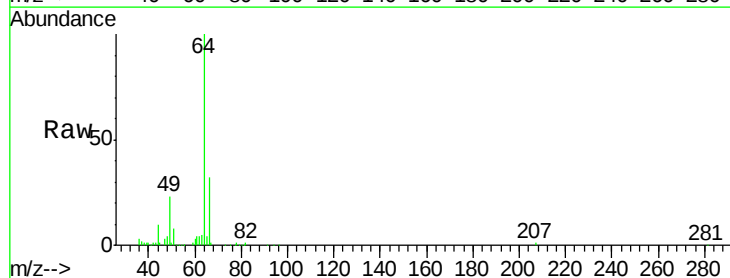
Acq: 17 Dec 2020 02:48

Tgt Ion: 64 Resp: 36425

Ion Ratio Lower Upper

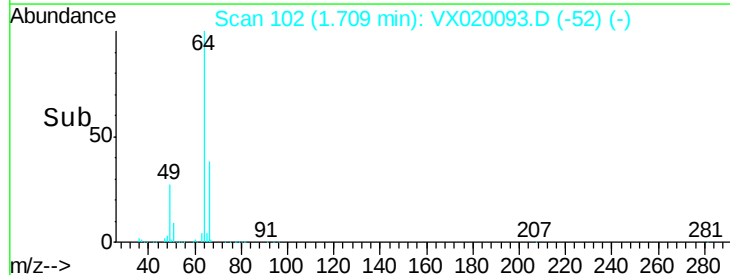
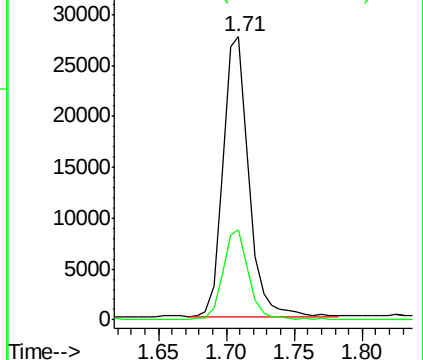
64 100

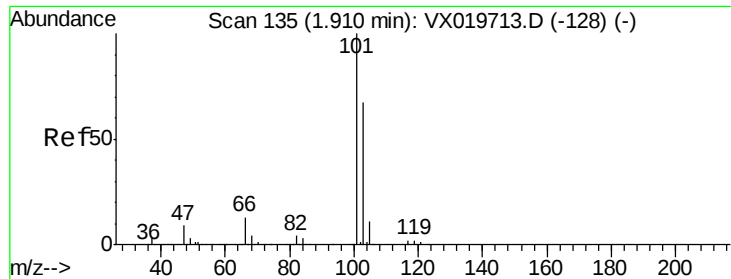
66 32.2 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



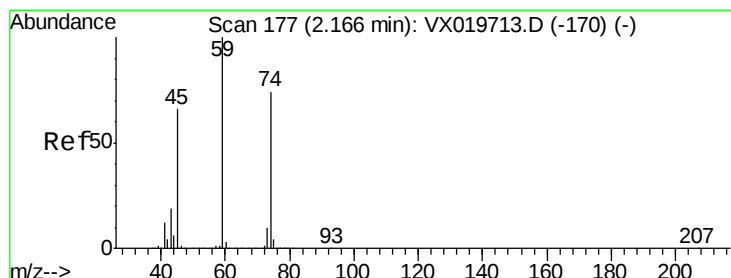
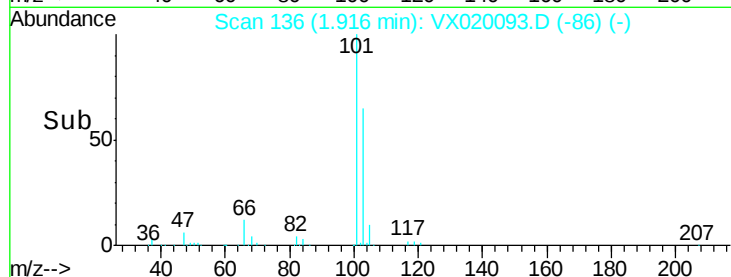
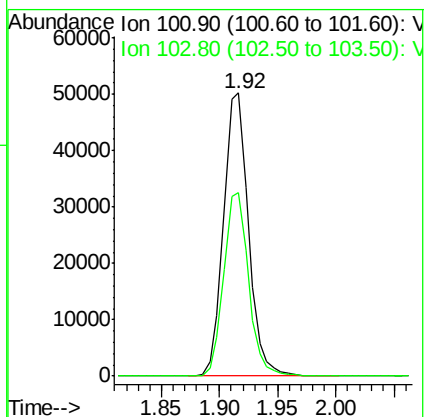
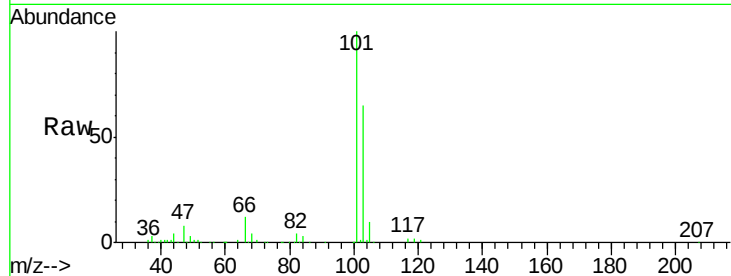


#7

Trichlorofluoromethane
 Concen: 19.244 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX020093.D
 Acq: 17 Dec 2020 02:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBSD02

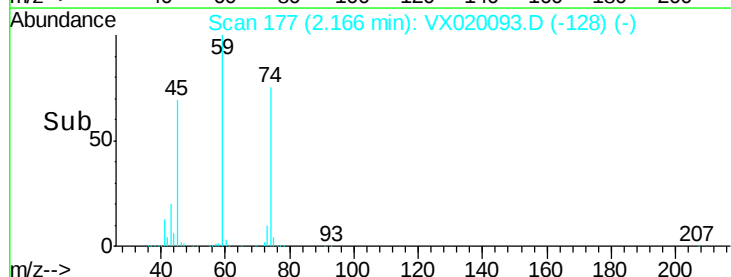
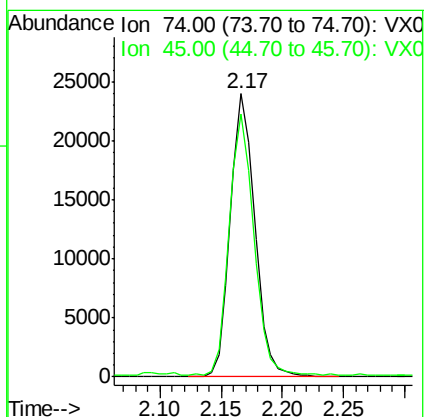
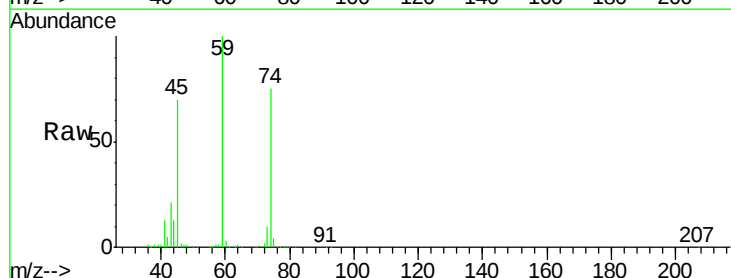
Tgt Ion:101 Resp: 74617
 Ion Ratio Lower Upper
 101 100
 103 64.6 53.2 79.8

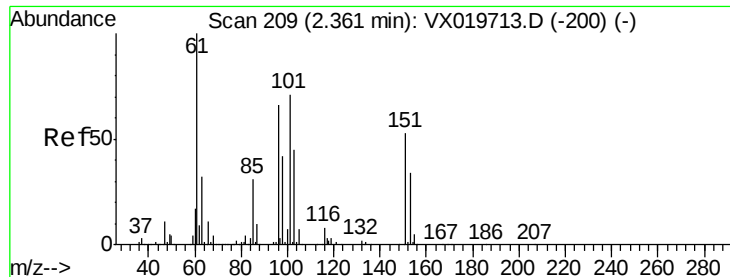


#8

Diethyl Ether
 Concen: 20.339 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX020093.D
 Acq: 17 Dec 2020 02:48

Tgt Ion: 74 Resp: 33419
 Ion Ratio Lower Upper
 74 100
 45 92.3 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.767 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX020093.D

Acq: 17 Dec 2020 02:48

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBSD02

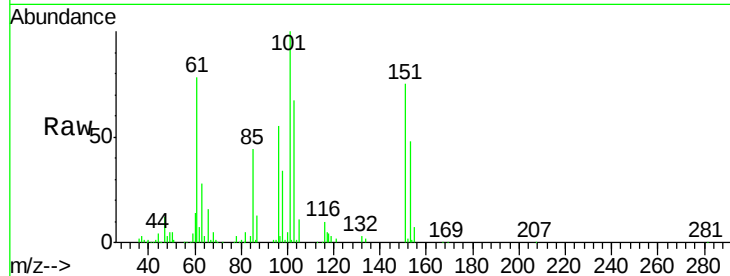
Tgt Ion:101 Resp: 43932

Ion Ratio Lower Upper

101 100

85 43.5 34.9 52.3

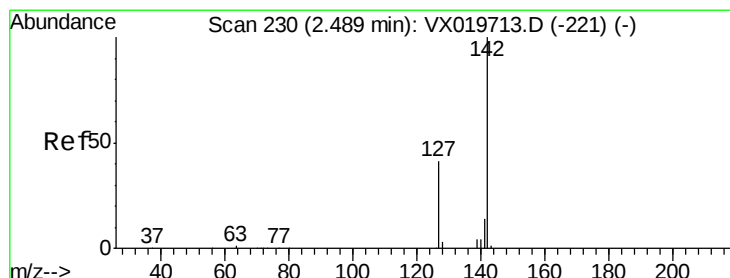
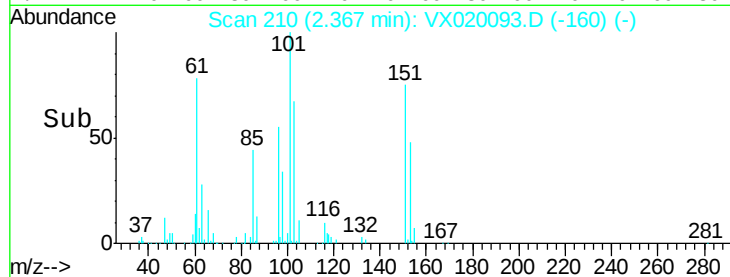
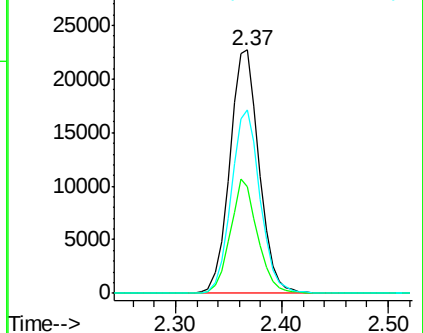
151 74.4 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 13.162 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX020093.D

Acq: 17 Dec 2020 02:48

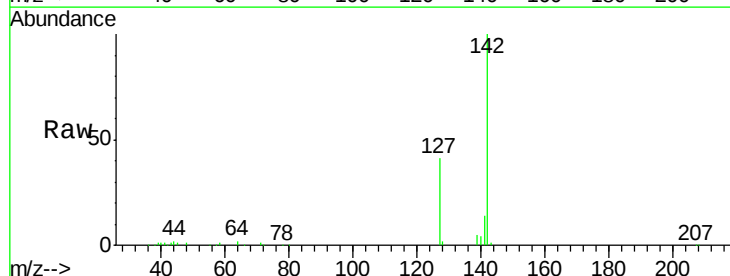
Tgt Ion:142 Resp: 43118

Ion Ratio Lower Upper

142 100

127 42.3 33.3 49.9

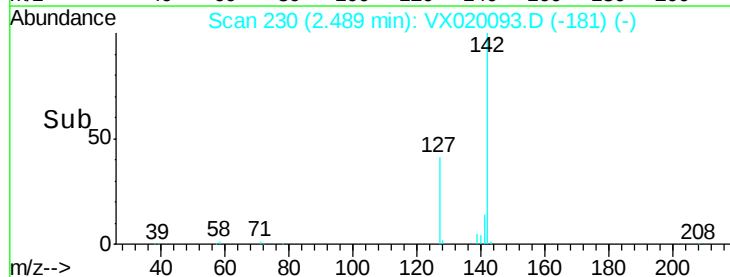
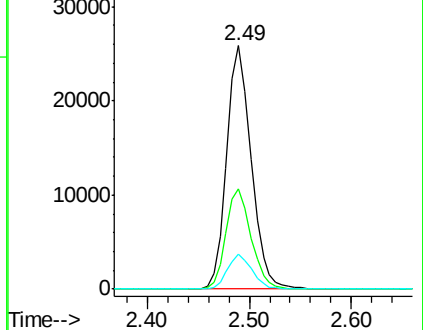
141 14.3 11.4 17.0

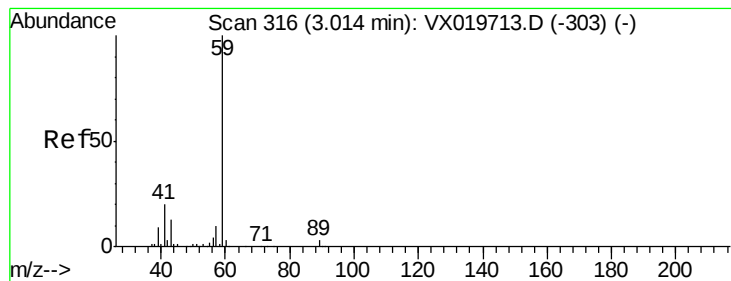


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 102.665 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX020093.D

Acq: 17 Dec 2020 02:48

Instrument :

MSVOA_X

ClientSampleId :

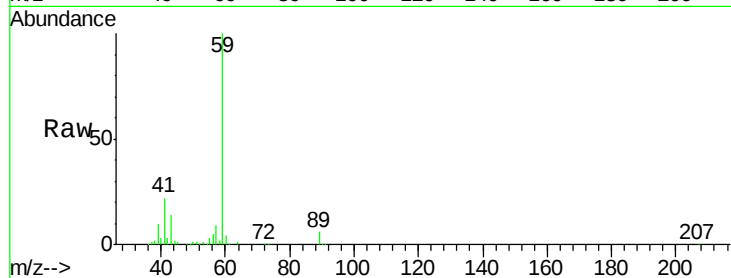
VX1217WBSD02

Tgt Ion: 59 Resp: 69049

Ion Ratio Lower Upper

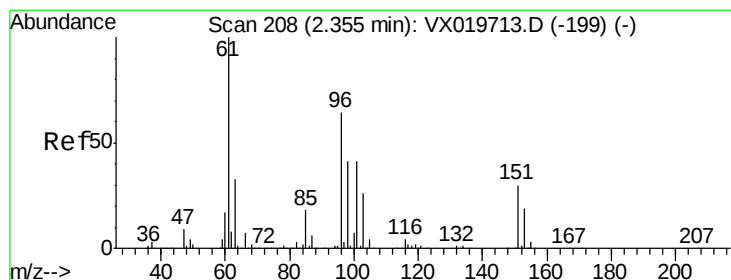
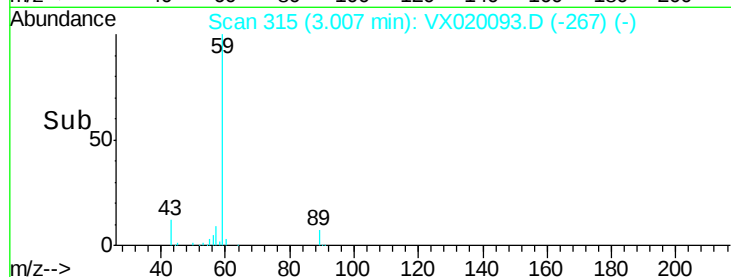
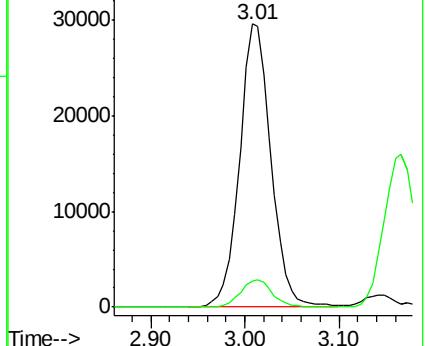
59 100

57 9.8 7.8 11.8



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 19.532 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX020093.D

Acq: 17 Dec 2020 02:48

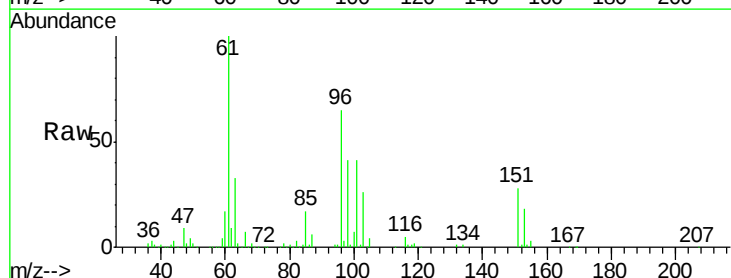
Tgt Ion: 96 Resp: 43887

Ion Ratio Lower Upper

96 100

61 154.3 124.6 187.0

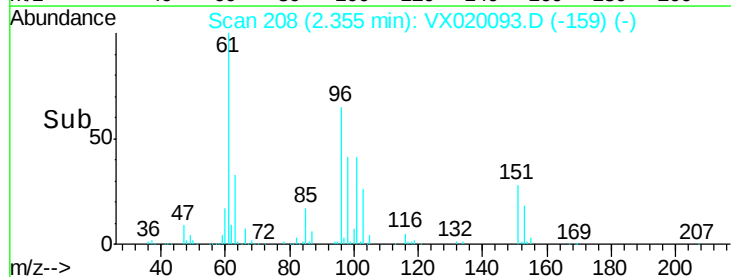
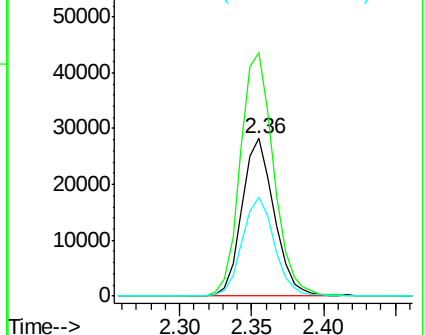
98 62.9 50.6 76.0

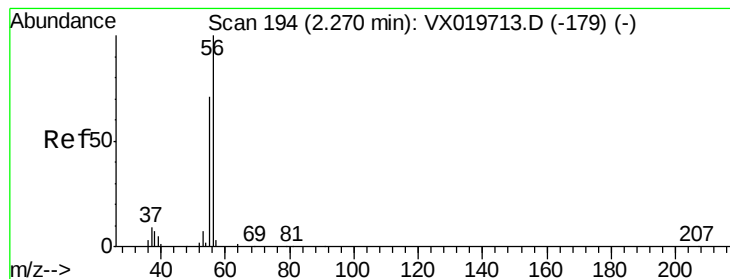


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 92.242 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX020093.D

Acq: 17 Dec 2020 02:48

Instrument :

MSVOA_X

ClientSampleId :

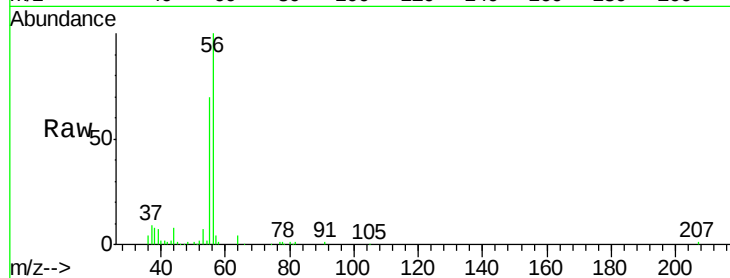
VX1217WBSD02

Tgt Ion: 56 Resp: 32817

Ion Ratio Lower Upper

56 100

55 70.6 56.4 84.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

20000

15000

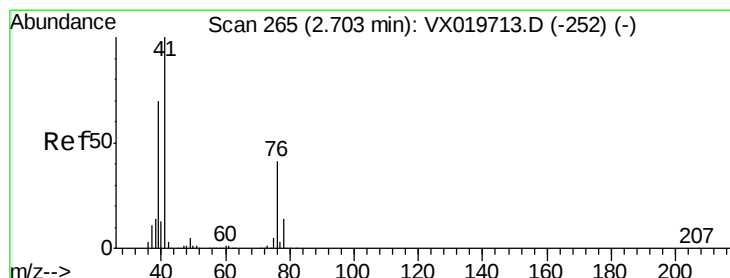
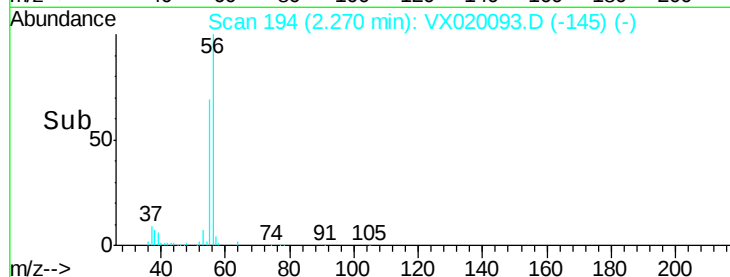
10000

5000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 19.794 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX020093.D

Acq: 17 Dec 2020 02:48

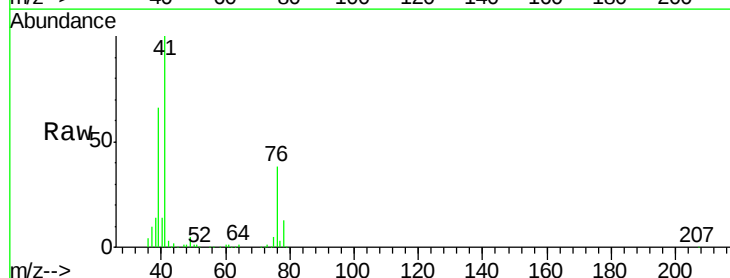
Tgt Ion: 41 Resp: 75116

Ion Ratio Lower Upper

41 100

39 61.3 51.6 77.4

76 35.8 30.5 45.7



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

80000

60000

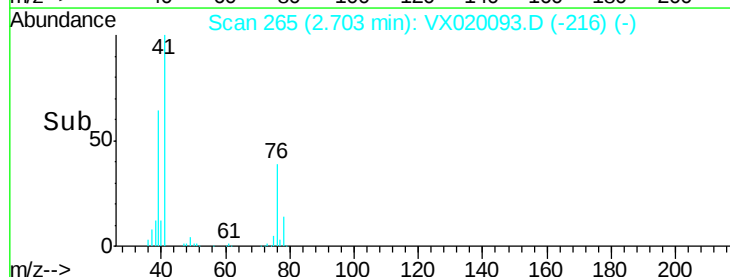
40000

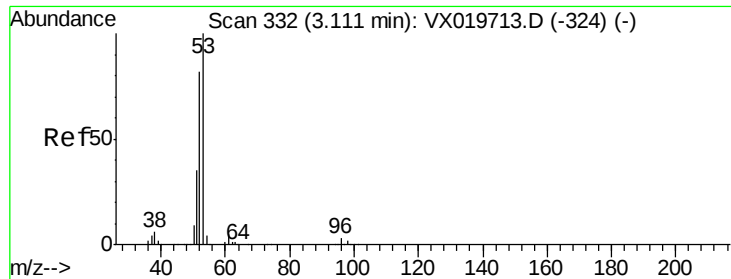
20000

0

Time-->

2.60 2.70 2.80

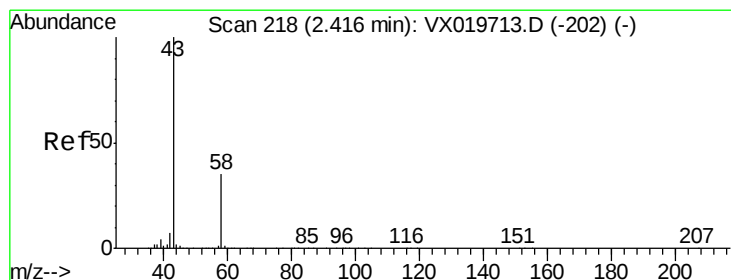
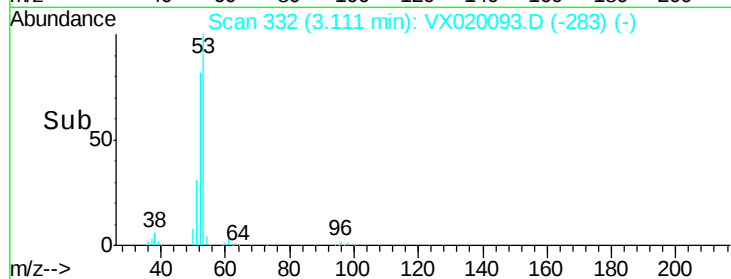
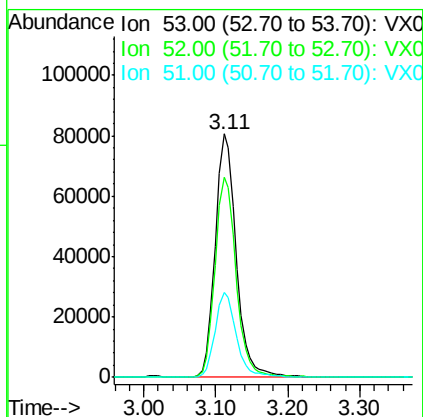
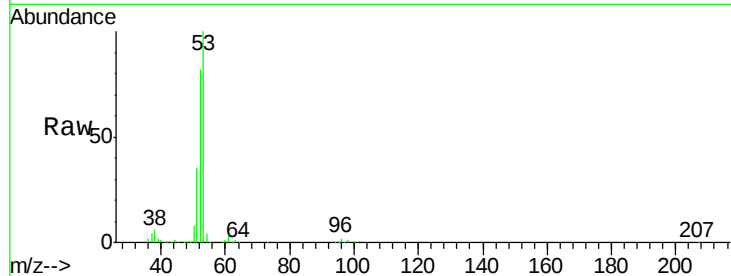




#15
 Acrylonitrile
 Concen: 112.140 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.00 min
 Lab File: VX020093.D
 Acq: 17 Dec 2020 02:48

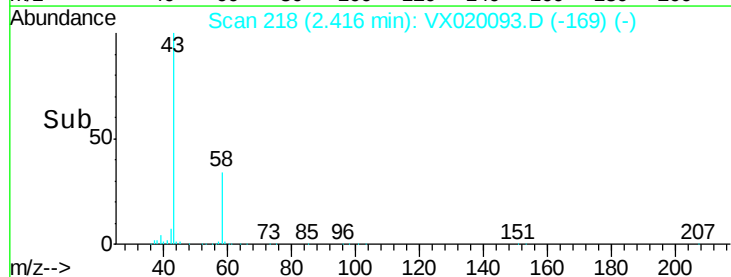
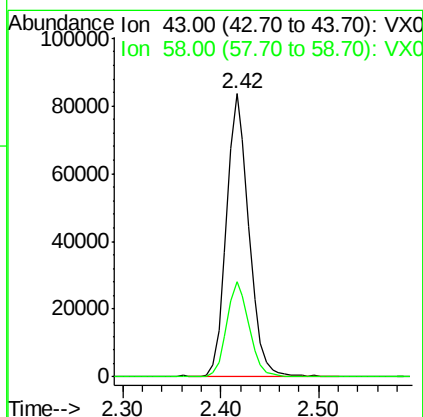
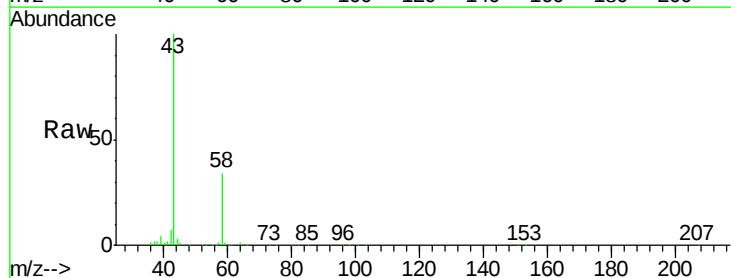
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBSD02

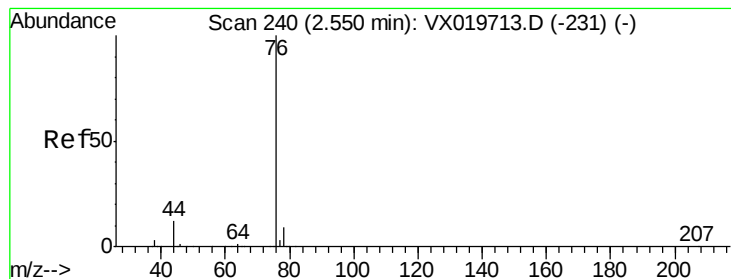
Tgt Ion: 53 Resp: 163397
 Ion Ratio Lower Upper
 53 100
 52 82.3 65.3 97.9
 51 35.4 28.2 42.2



#16
 Acetone
 Concen: 109.145 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX020093.D
 Acq: 17 Dec 2020 02:48

Tgt Ion: 43 Resp: 132228
 Ion Ratio Lower Upper
 43 100
 58 33.9 27.8 41.8





#17

Carbon Disulfide

Concen: 15.438 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX020093.D

Acq: 17 Dec 2020 02:48

Instrument :

MSVOA_X

ClientSampleId :

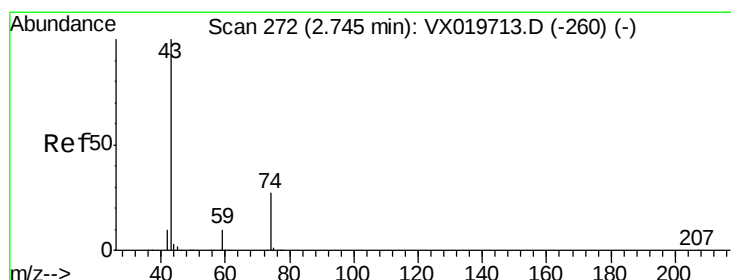
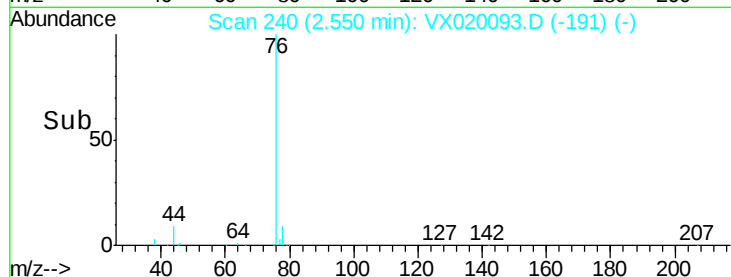
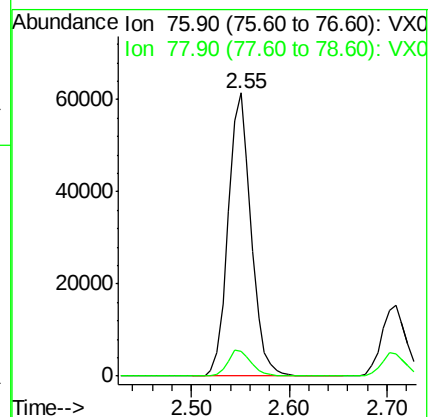
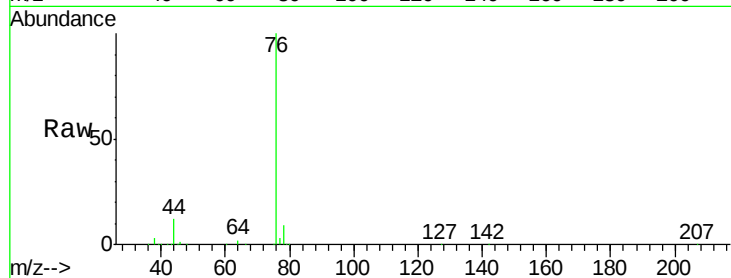
VX1217WBSD02

Tgt Ion: 76 Resp: 99532

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8



#18

Methyl Acetate

Concen: 24.616 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX020093.D

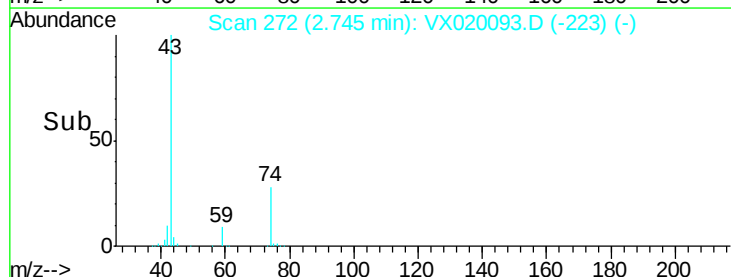
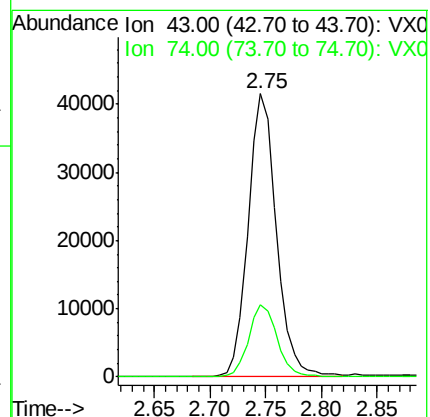
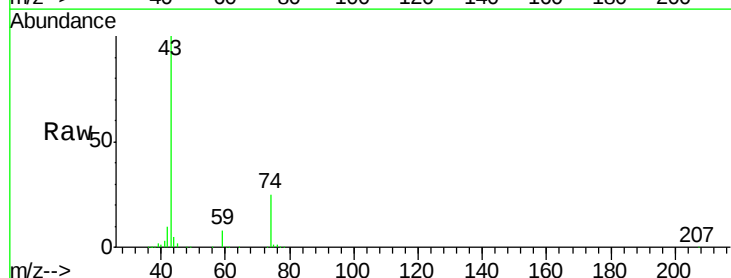
Acq: 17 Dec 2020 02:48

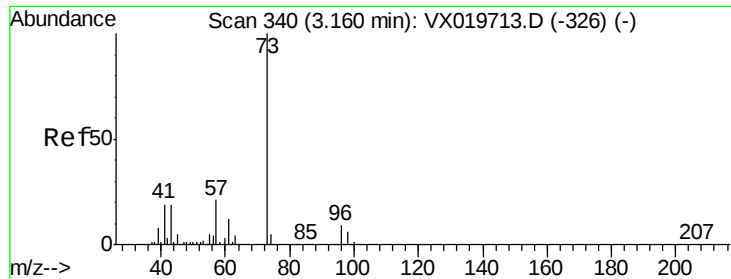
Tgt Ion: 43 Resp: 72977

Ion Ratio Lower Upper

43 100

74 26.2 21.9 32.9





#19

Methyl tert-butyl Ether

Concen: 21.229 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.01 min

Lab File: VX020093.D

Acq: 17 Dec 2020 02:48

Instrument :

MSVOA_X

ClientSampleId :

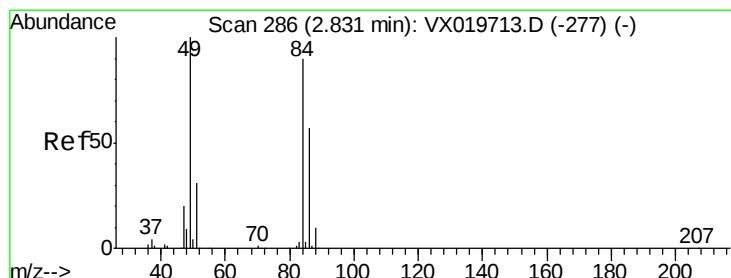
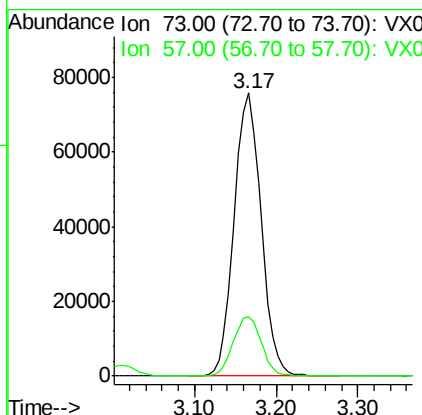
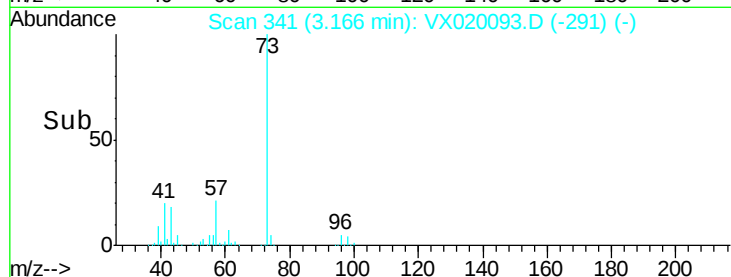
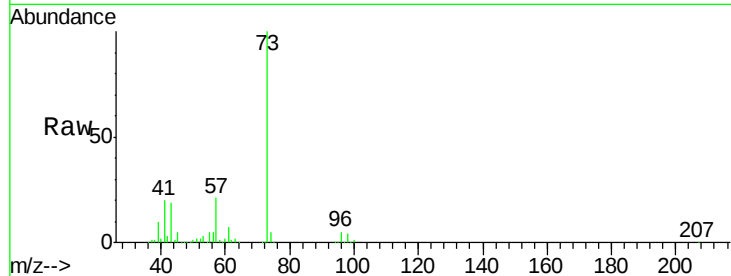
VX1217WBSD02

Tgt Ion: 73 Resp: 173710

Ion Ratio Lower Upper

73 100

57 21.1 17.1 25.7



#20

Methylene Chloride

Concen: 20.167 ug/l

RT: 2.83 min Scan# 286

Delta R.T. 0.00 min

Lab File: VX020093.D

Acq: 17 Dec 2020 02:48

Tgt Ion: 84 Resp: 58125

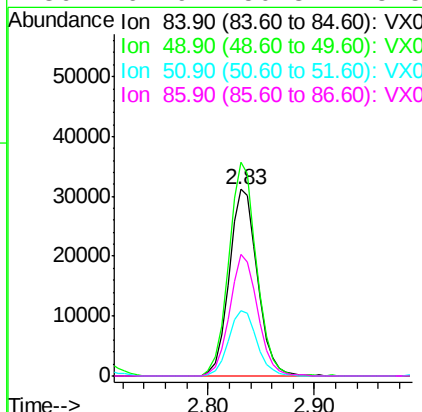
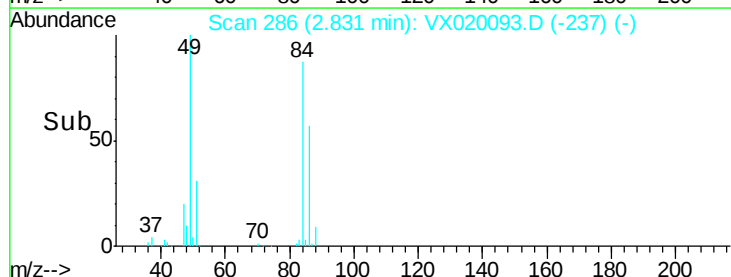
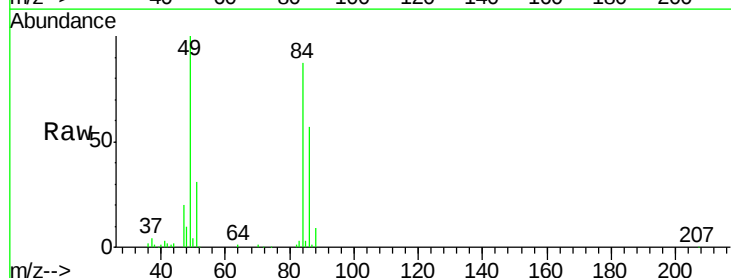
Ion Ratio Lower Upper

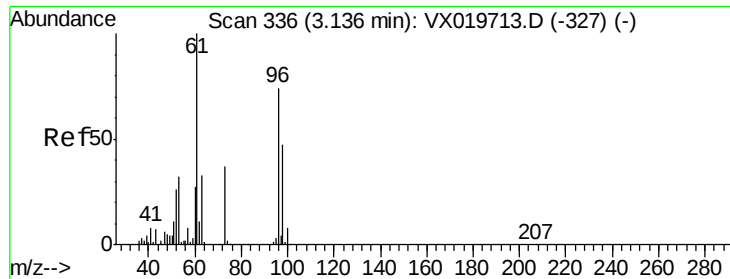
84 100

49 114.4 88.6 132.8

51 35.3 27.0 40.6

86 64.9 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 19.310 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX020093.D

Acq: 17 Dec 2020 02:48

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBSD02

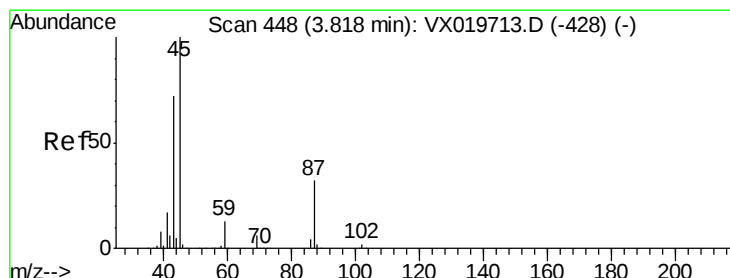
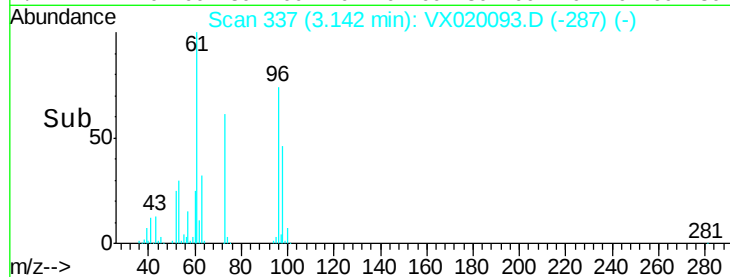
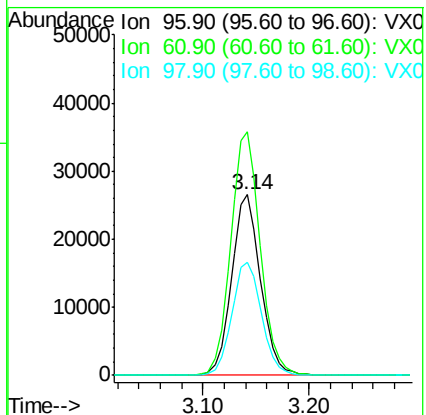
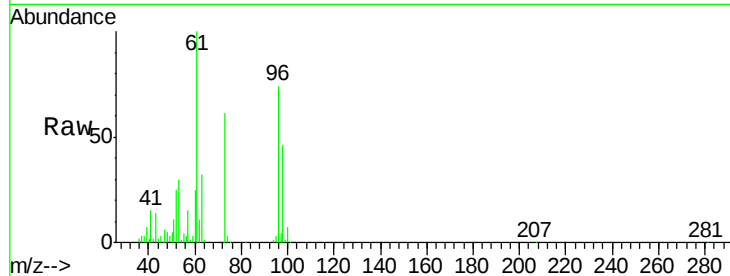
Tgt Ion: 96 Resp: 50583

Ion Ratio Lower Upper

96 100

61 135.0 107.7 161.5

98 62.7 50.4 75.6



#22

Diisopropyl ether

Concen: 22.353 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX020093.D

Acq: 17 Dec 2020 02:48

Tgt Ion: 45 Resp: 171507

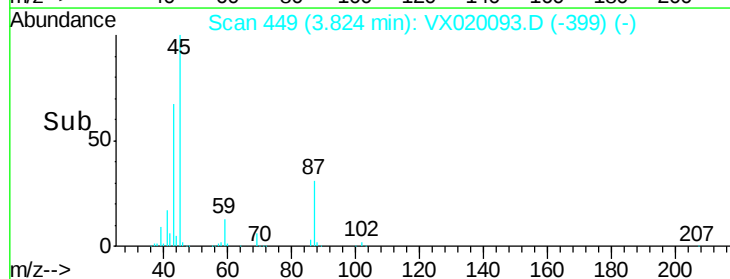
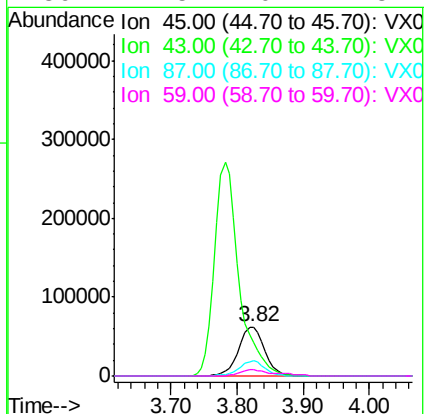
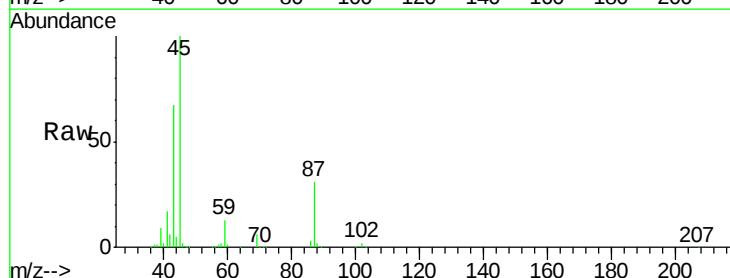
Ion Ratio Lower Upper

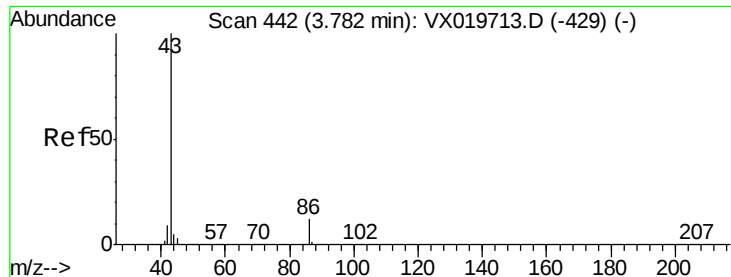
45 100

43 66.5 58.0 87.0

87 30.8 25.4 38.0

59 12.5 10.2 15.2





#23

Vinyl Acetate

Concen: 107.192 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX020093.D

Acq: 17 Dec 2020 02:48

Instrument :

MSVOA_X

ClientSampleId :

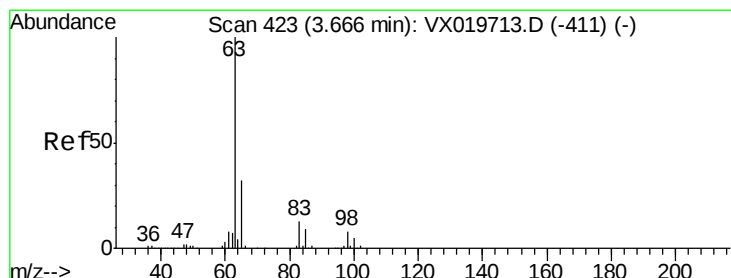
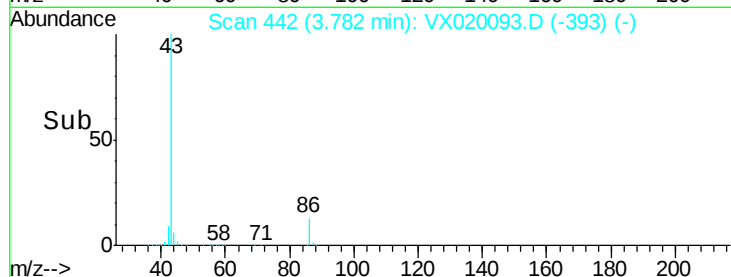
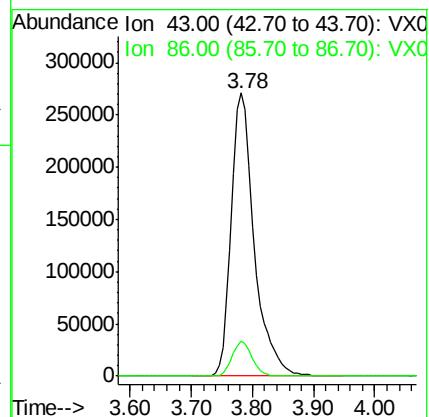
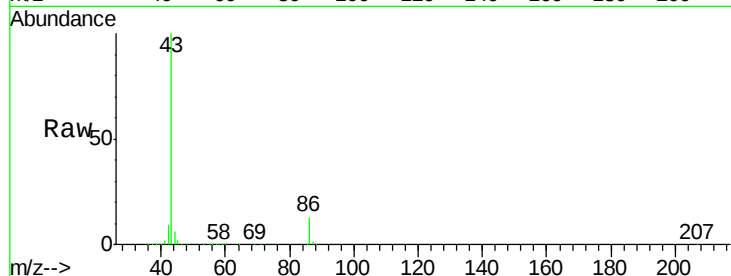
VX1217WBSD02

Tgt Ion: 43 Resp: 700675

Ion Ratio Lower Upper

43 100

86 12.6 9.9 14.9



#24

1,1-Dichloroethane

Concen: 21.446 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX020093.D

Acq: 17 Dec 2020 02:48

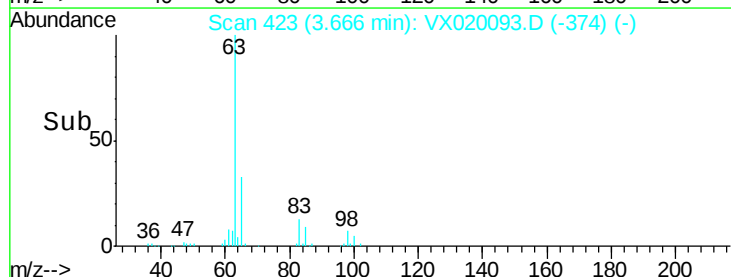
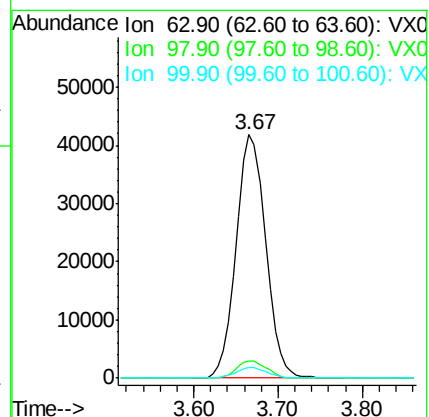
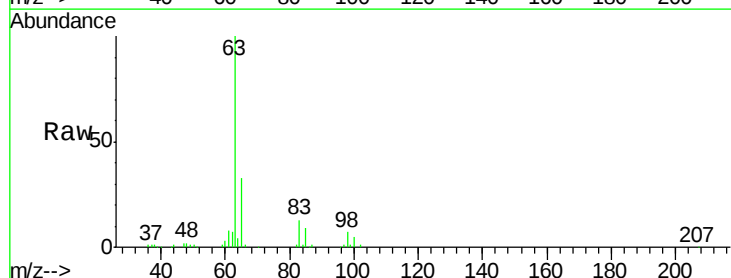
Tgt Ion: 63 Resp: 99224

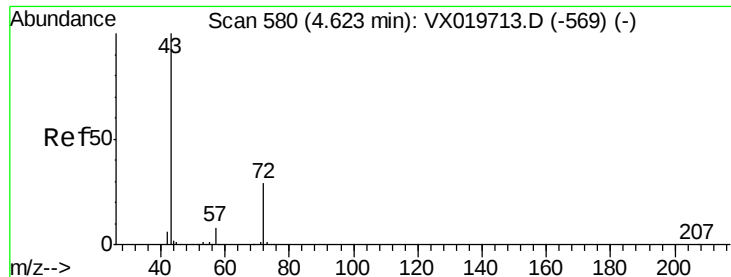
Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.2

100 4.6 2.5 7.5





#25

2-Butanone

Concen: 111.341 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX020093.D

Acq: 17 Dec 2020 02:48

Instrument :

MSVOA_X

ClientSampleId :

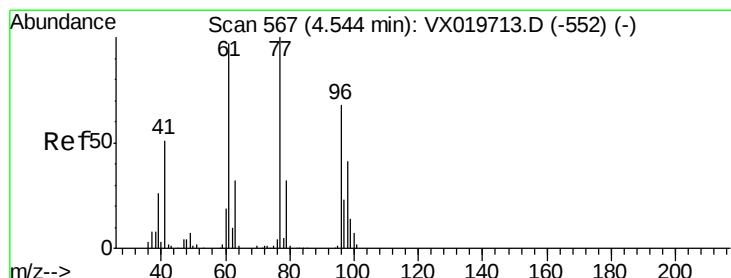
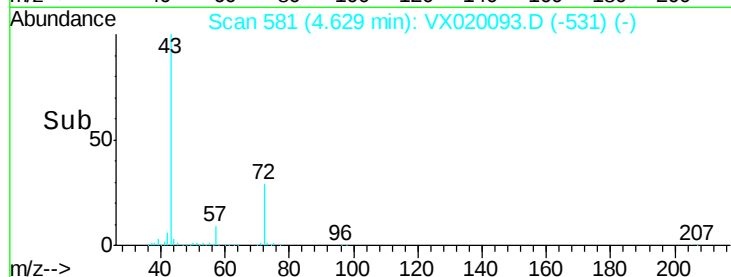
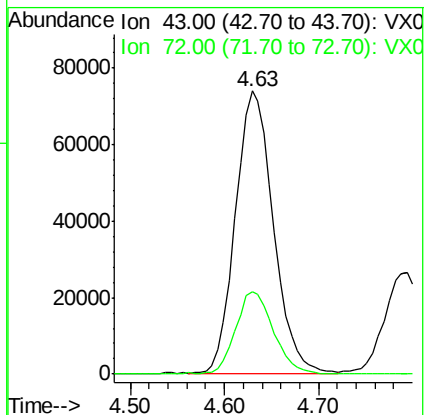
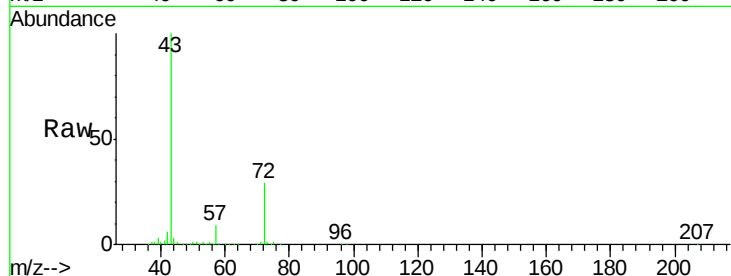
VX1217WBSD02

Tgt Ion: 43 Resp: 207270

Ion Ratio Lower Upper

43 100

72 28.9 23.7 35.5



#26

2,2-Dichloropropane

Concen: 16.583 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX020093.D

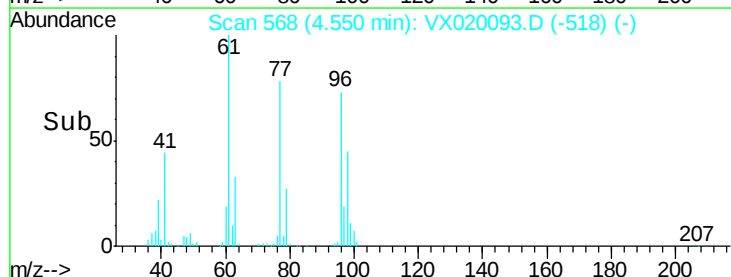
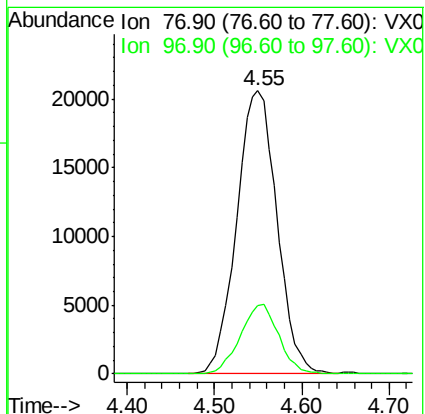
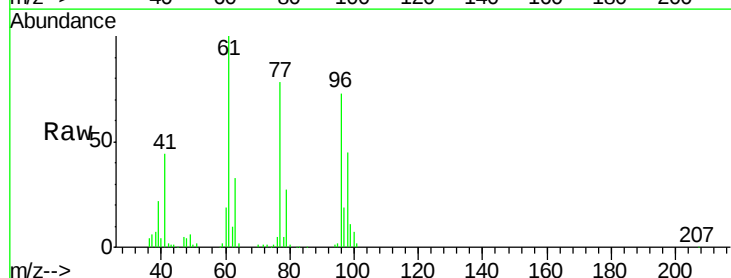
Acq: 17 Dec 2020 02:48

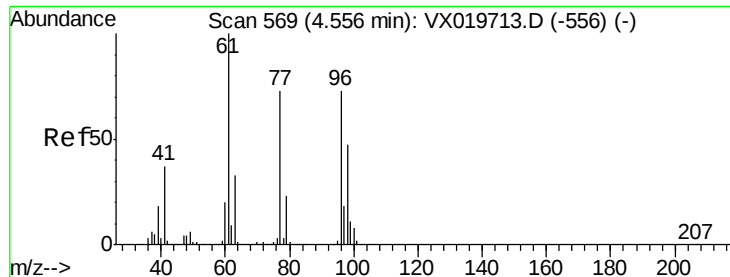
Tgt Ion: 77 Resp: 66075

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.1

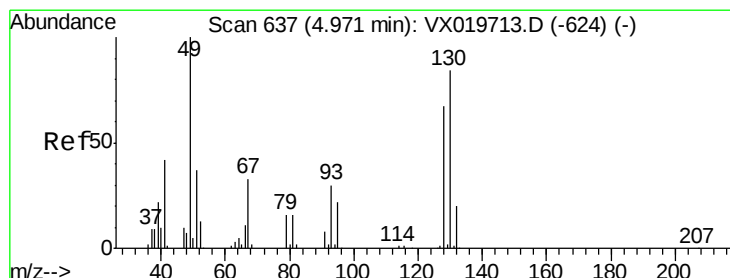
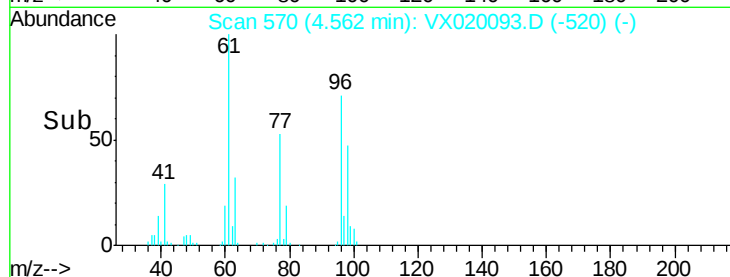
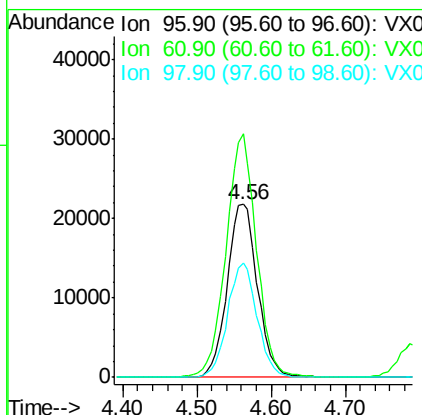
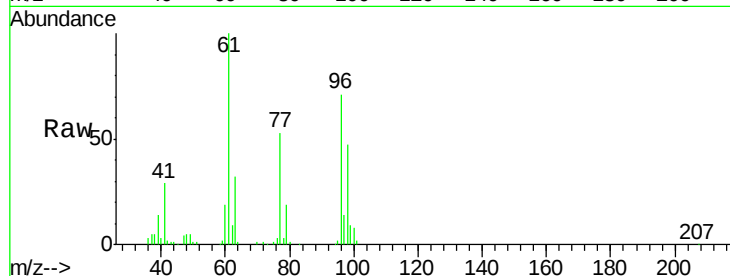




#27
 cis-1,2-Dichloroethene
 Concen: 20.171 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: VX020093.D
 Acq: 17 Dec 2020 02:48

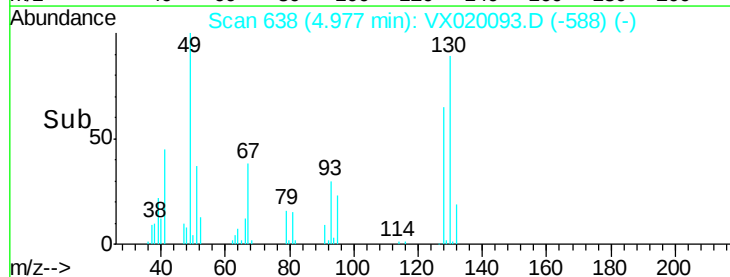
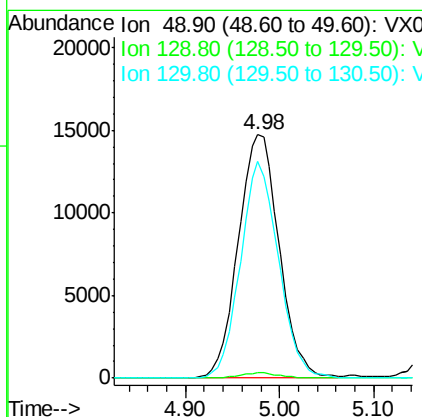
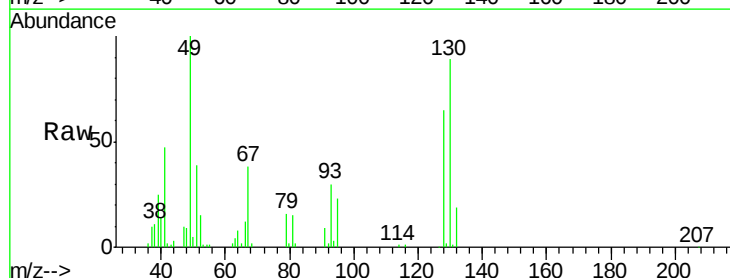
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBSD02

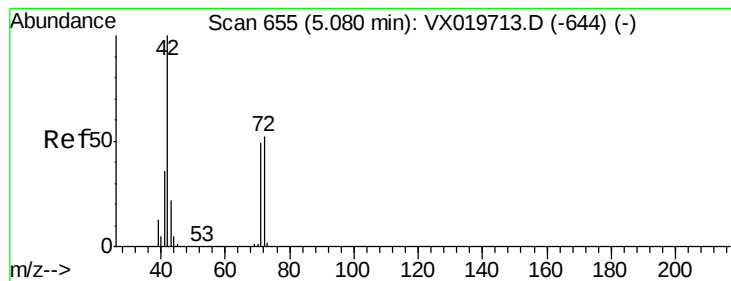
Tgt Ion: 96 Resp: 61835
 Ion Ratio Lower Upper
 96 100
 61 141.6 0.0 285.6
 98 64.3 0.0 129.6



#28
 Bromochloromethane
 Concen: 20.271 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. 0.01 min
 Lab File: VX020093.D
 Acq: 17 Dec 2020 02:48

Tgt Ion: 49 Resp: 44711
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 83.0 68.2 102.2





#29

Tetrahydrofuran

Concen: 109.328 ug/l

RT: 5.09 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX020093.D

Acq: 17 Dec 2020 02:48

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBSD02

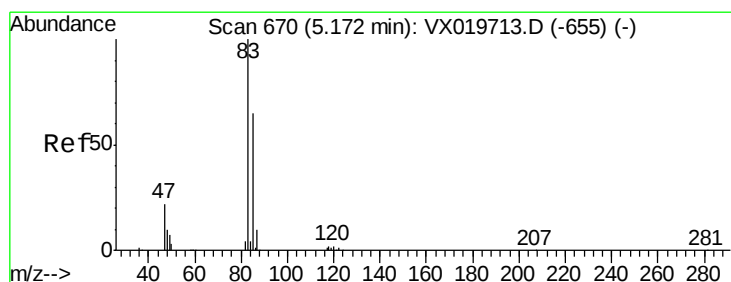
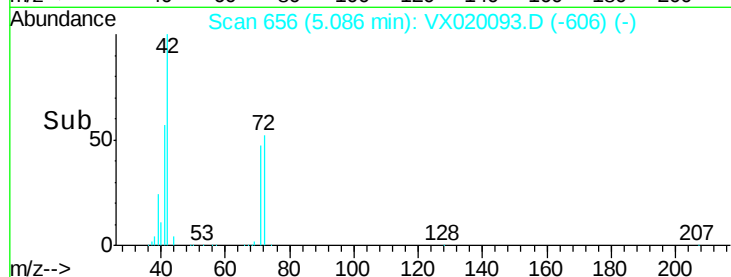
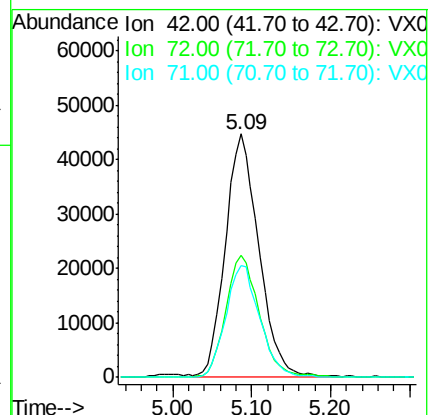
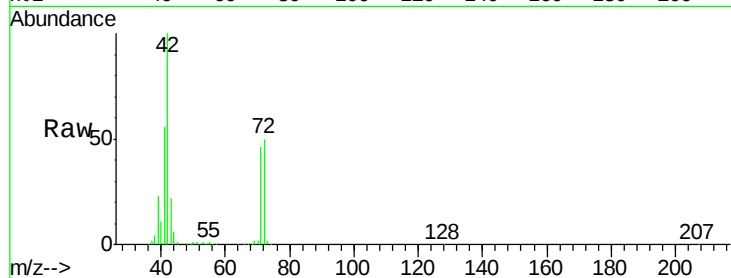
Tgt Ion: 42 Resp: 131127

Ion Ratio Lower Upper

42 100

72 50.9 41.7 62.5

71 47.1 38.4 57.6



#30

Chloroform

Concen: 21.625 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.00 min

Lab File: VX020093.D

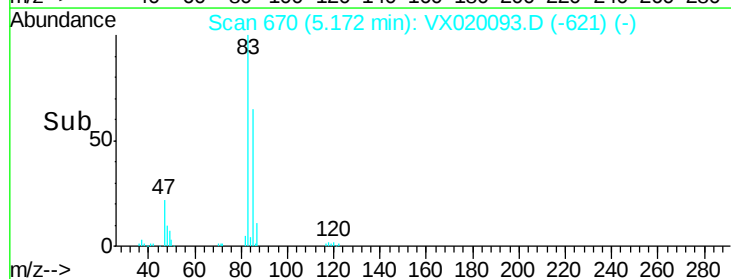
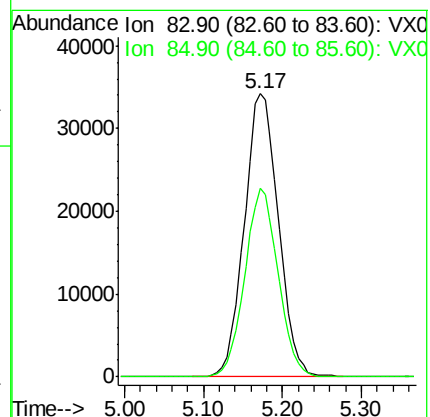
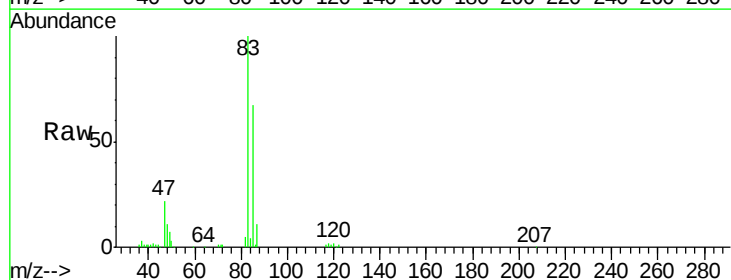
Acq: 17 Dec 2020 02:48

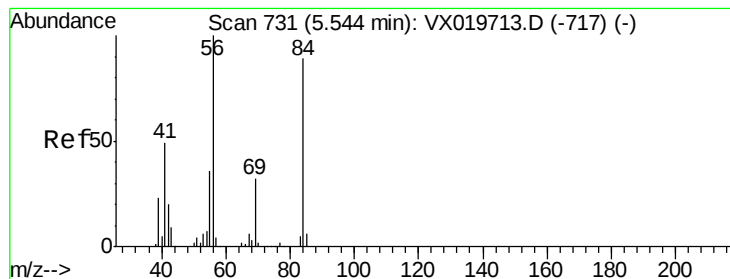
Tgt Ion: 83 Resp: 102876

Ion Ratio Lower Upper

83 100

85 66.5 52.0 78.0





#31

Cyclohexane

Concen: 18.414 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.00 min

Lab File: VX020093.D

Acq: 17 Dec 2020 02:48

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBSD02

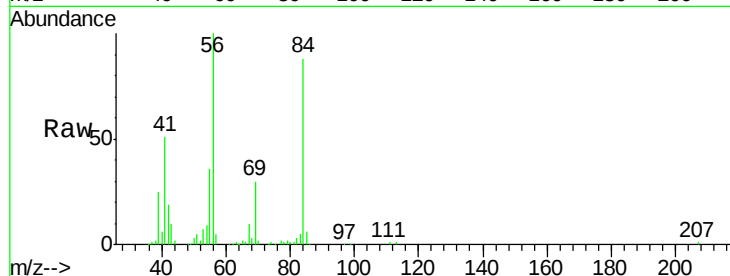
Tgt Ion: 56 Resp: 73829

Ion Ratio Lower Upper

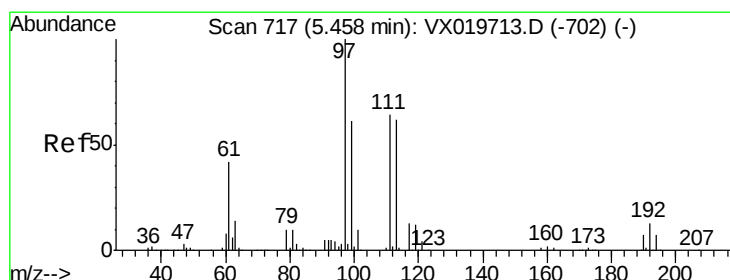
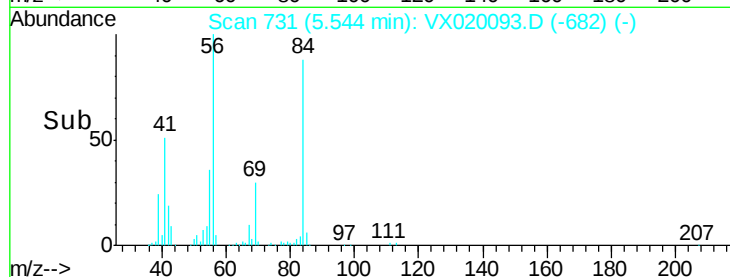
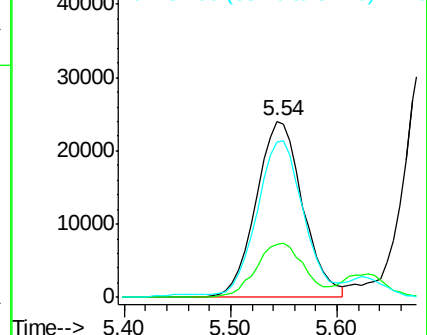
56 100

69 30.4 25.3 37.9

84 86.5 71.4 107.0



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.450 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX020093.D

Acq: 17 Dec 2020 02:48

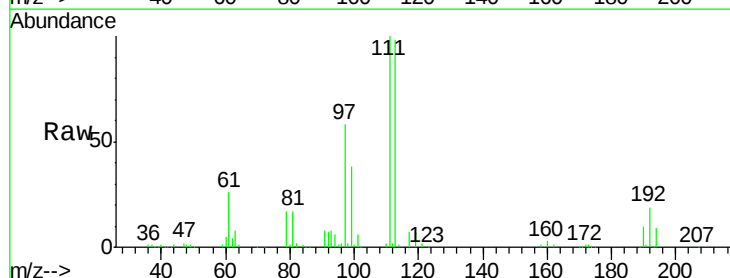
Tgt Ion: 97 Resp: 83781

Ion Ratio Lower Upper

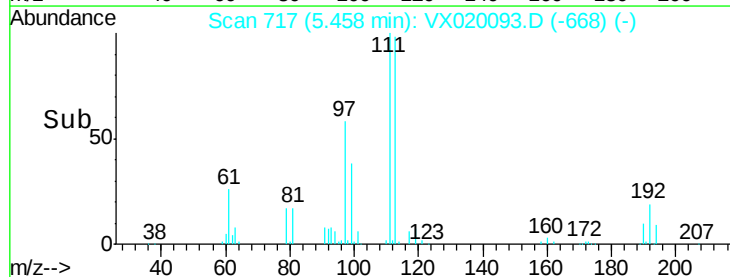
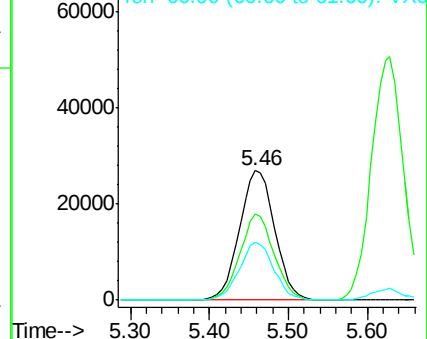
97 100

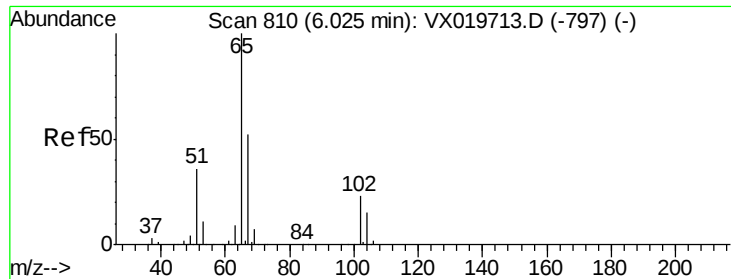
99 64.3 51.5 77.3

61 43.8 34.2 51.4



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

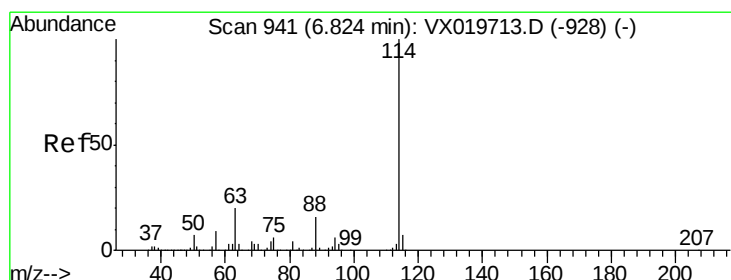
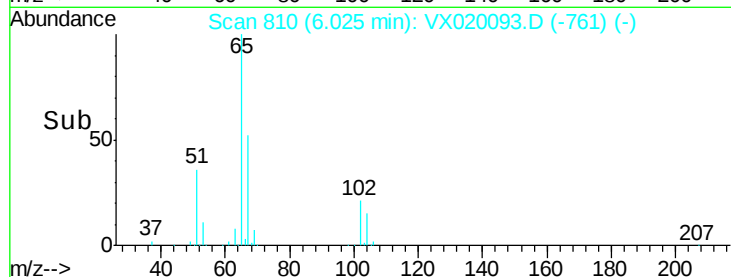
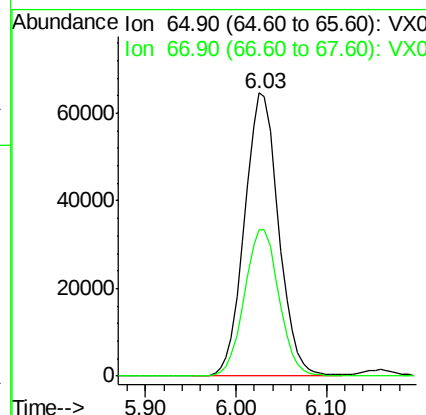
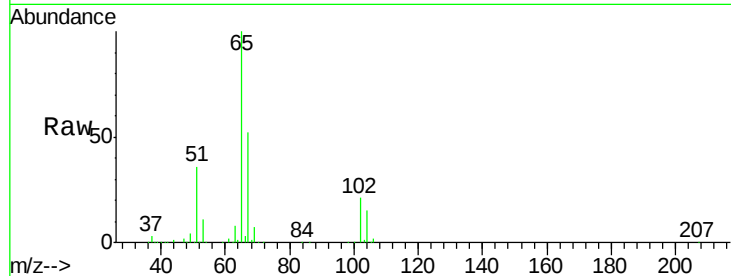




#33
 1,2-Dichloroethane-d4
 Concen: 52.169 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: VX020093.D
 Acq: 17 Dec 2020 02:48

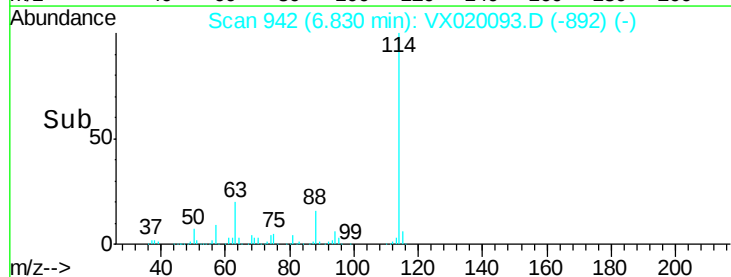
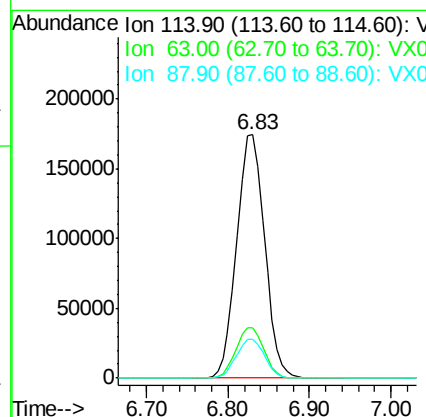
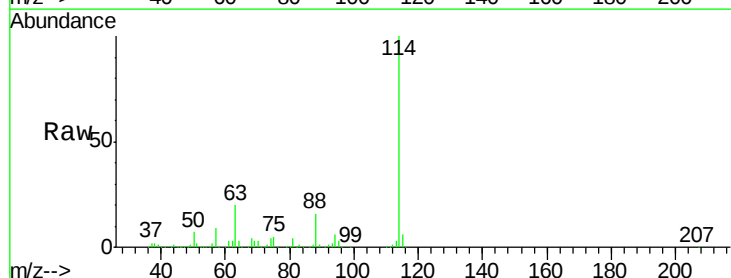
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBSD02

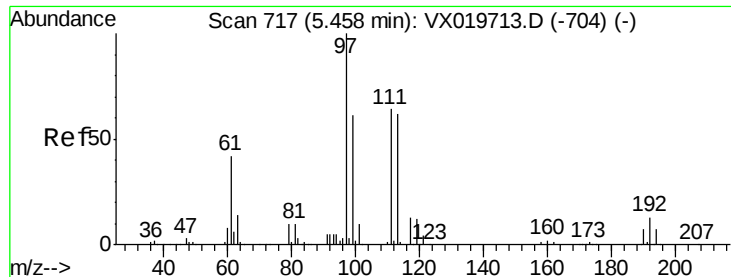
Tgt Ion: 65 Resp: 168148
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX020093.D
 Acq: 17 Dec 2020 02:48

Tgt Ion: 114 Resp: 413665
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.8
 88 16.1 0.0 32.8

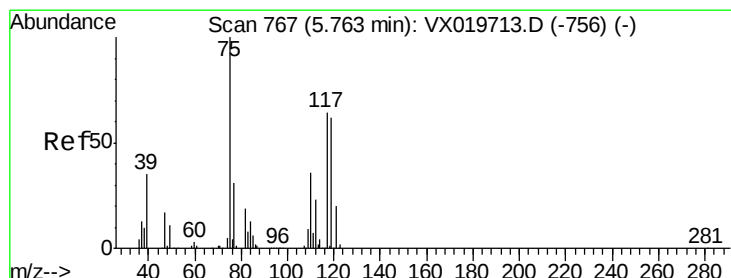
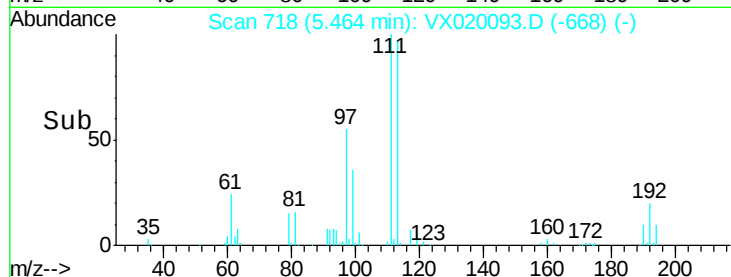
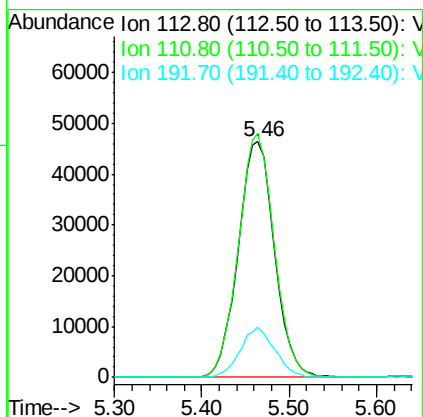
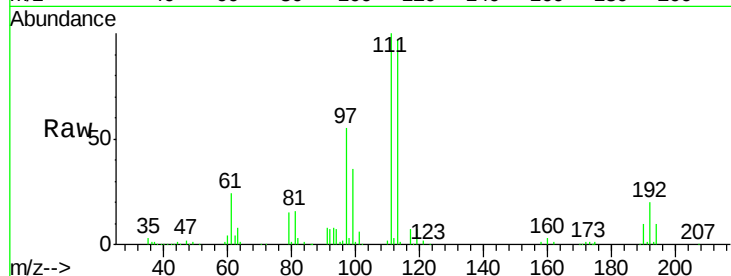




#35
 Dibromofluoromethane
 Concen: 50.105 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX020093.D
 Acq: 17 Dec 2020 02:48

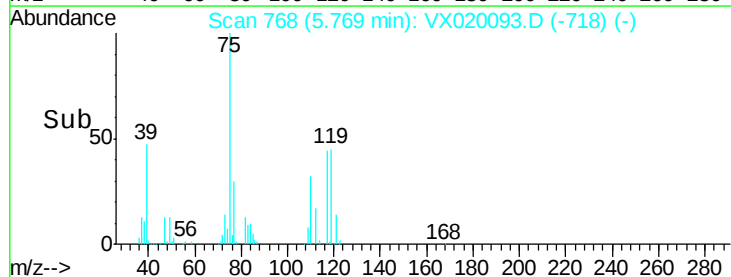
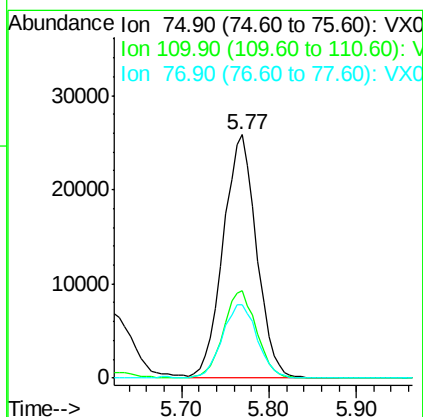
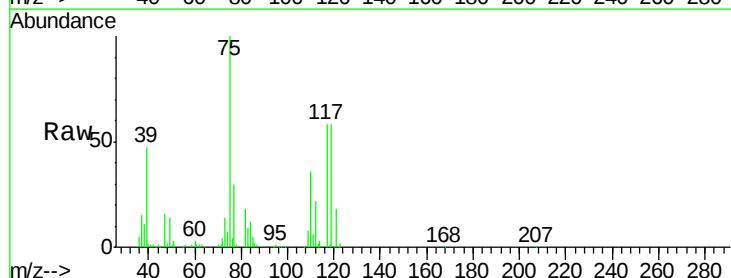
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBSD02

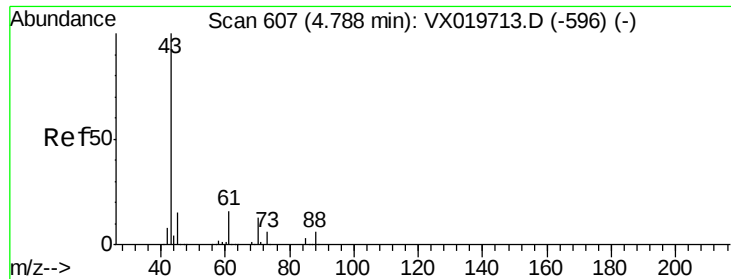
Tgt Ion:113 Resp: 133954
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.9 122.9
 192 20.1 16.7 25.1



#36
 1,1-Dichloropropene
 Concen: 18.401 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: VX020093.D
 Acq: 17 Dec 2020 02:48

Tgt Ion: 75 Resp: 68782
 Ion Ratio Lower Upper
 75 100
 110 35.3 18.1 54.4
 77 31.6 25.3 37.9

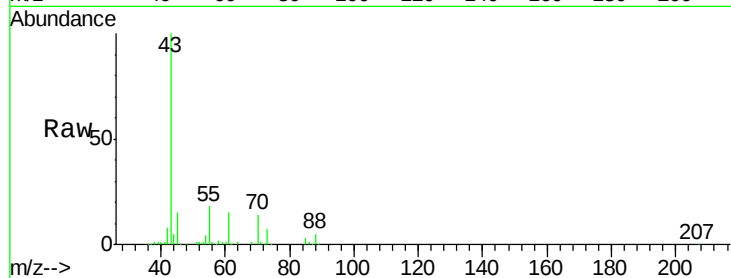




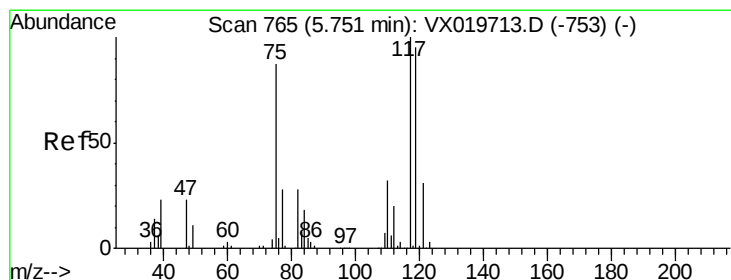
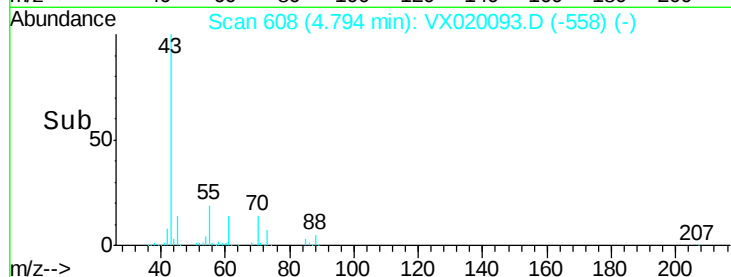
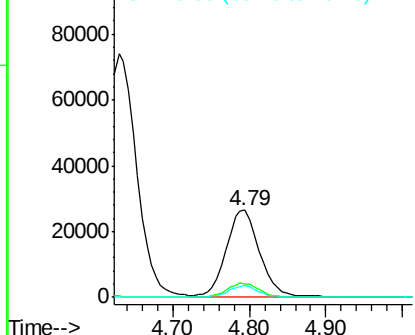
#37
Ethyl Acetate
Concen: 21.127 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX020093.D
Acq: 17 Dec 2020 02:48

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD02

Tgt Ion: 43 Resp: 79737
Ion Ratio Lower Upper
43 100
61 15.7 12.8 19.2
70 12.2 10.5 15.7

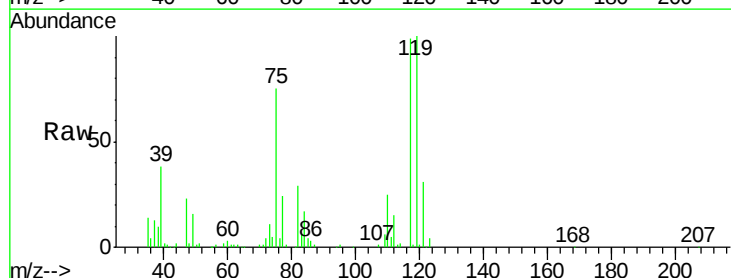


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

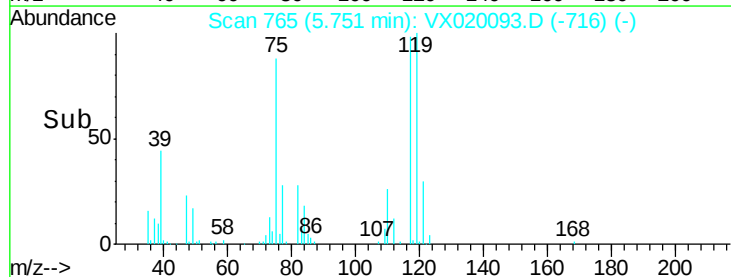
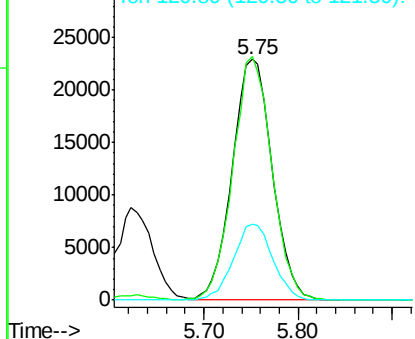


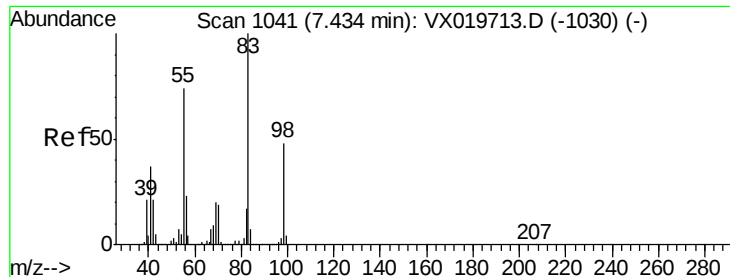
#38
Carbon Tetrachloride
Concen: 18.625 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX020093.D
Acq: 17 Dec 2020 02:48

Tgt Ion: 117 Resp: 68176
Ion Ratio Lower Upper
117 100
119 101.2 76.2 114.2
121 31.3 24.8 37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

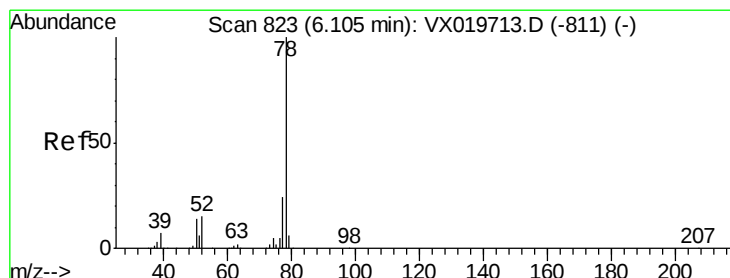
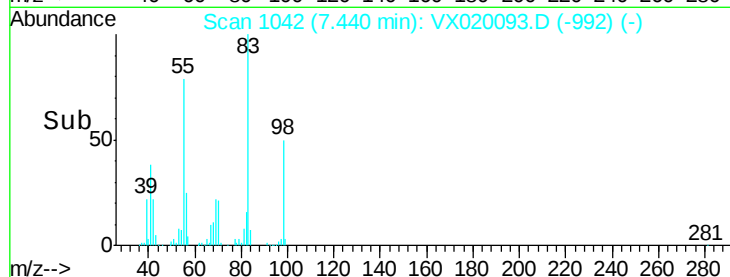
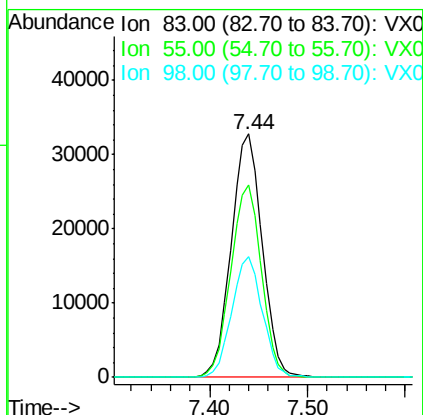
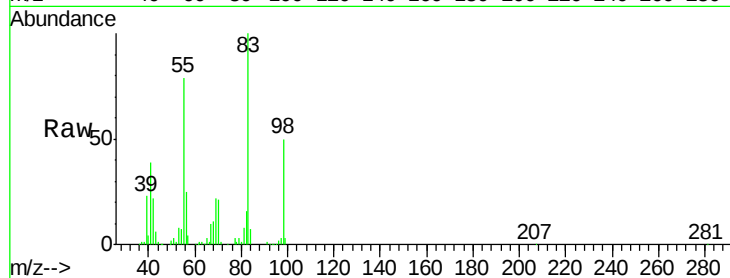




#39
Methylcyclohexane
Concen: 16.442 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX020093.D
Acq: 17 Dec 2020 02:48

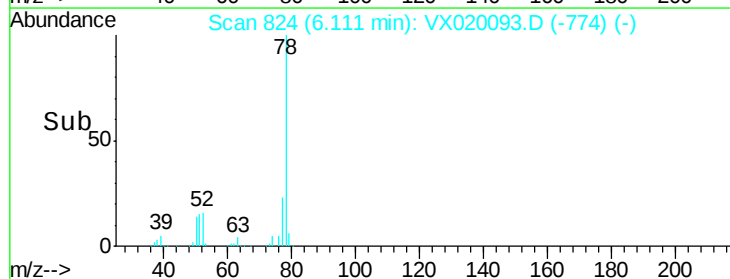
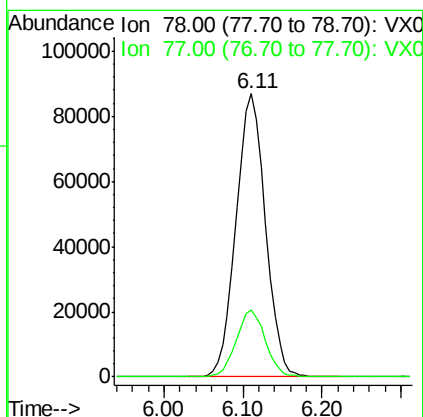
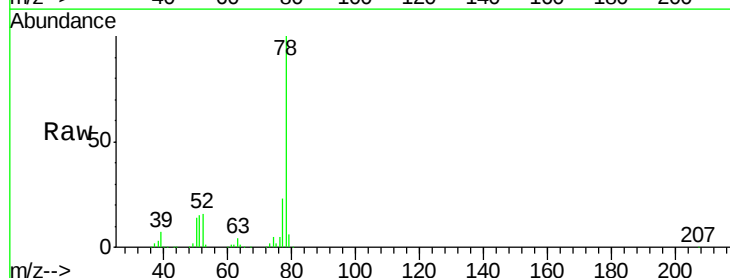
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD02

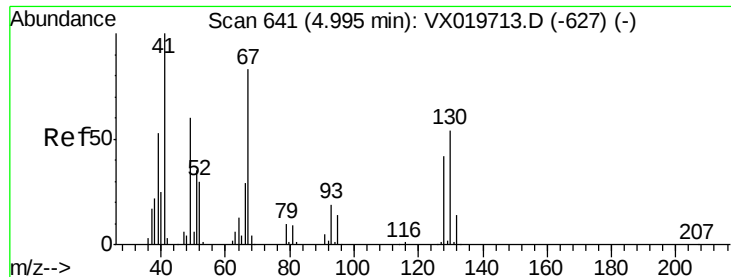
Tgt Ion: 83 Resp: 72209
Ion Ratio Lower Upper
83 100
55 79.1 58.9 88.3
98 49.6 38.1 57.1



#40
Benzene
Concen: 19.779 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX020093.D
Acq: 17 Dec 2020 02:48

Tgt Ion: 78 Resp: 225851
Ion Ratio Lower Upper
78 100
77 23.5 18.9 28.3

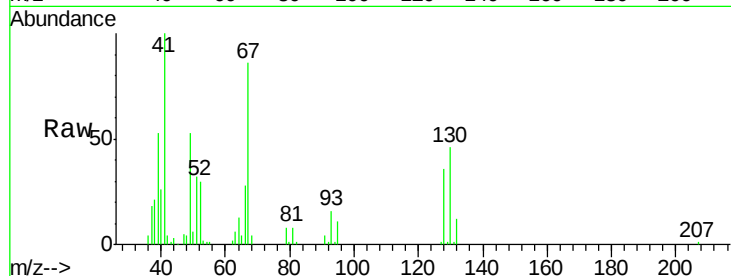




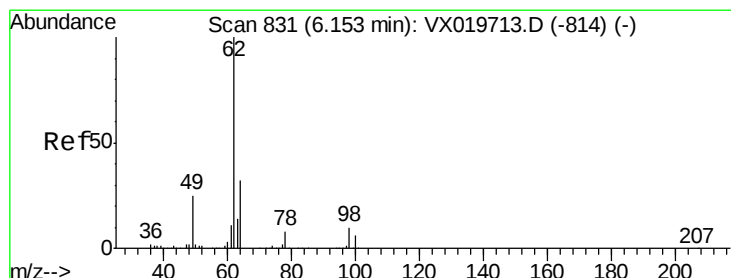
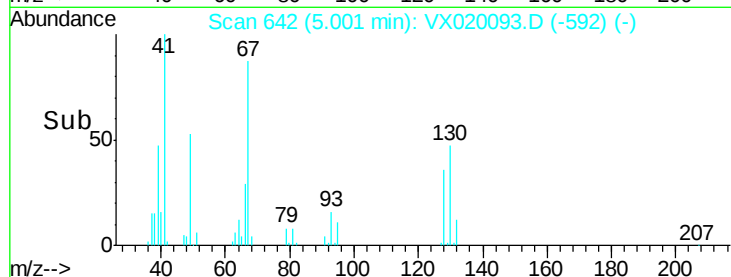
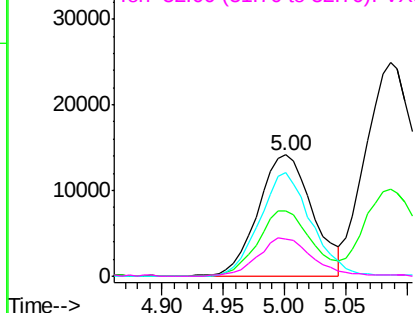
#41
Methacrylonitrile
Concen: 21.198 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX020093.D
Acq: 17 Dec 2020 02:48

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD02

Tgt Ion:	41	Resp:	43927
Ion	Ratio	Lower	Upper
41	100		
39	53.4	42.5	63.7
67	81.0	65.0	97.6
52	31.9	25.3	37.9

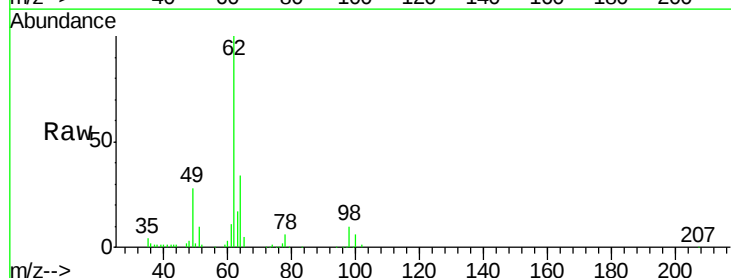


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

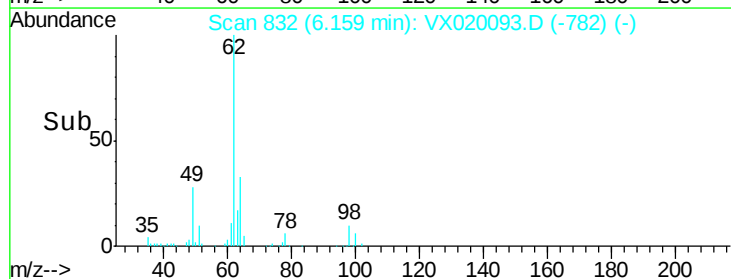
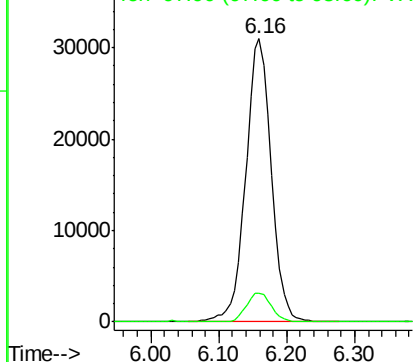


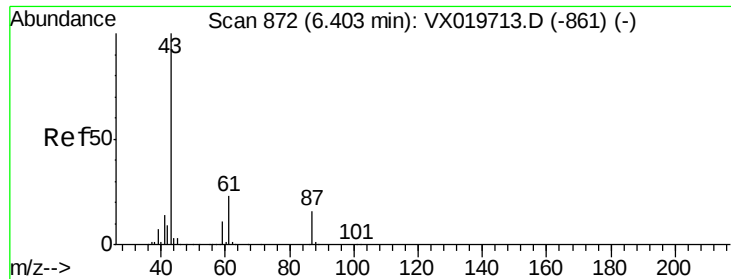
#42
1,2-Dichloroethane
Concen: 20.744 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX020093.D
Acq: 17 Dec 2020 02:48

Tgt Ion:	62	Resp:	80930
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0

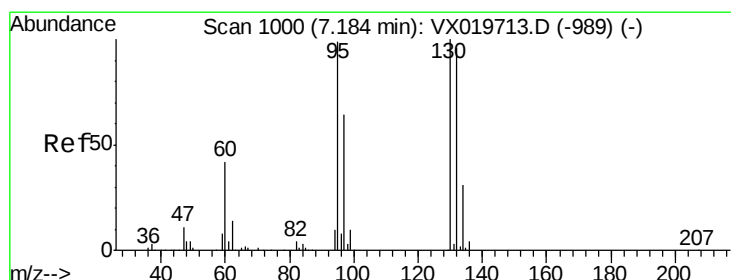
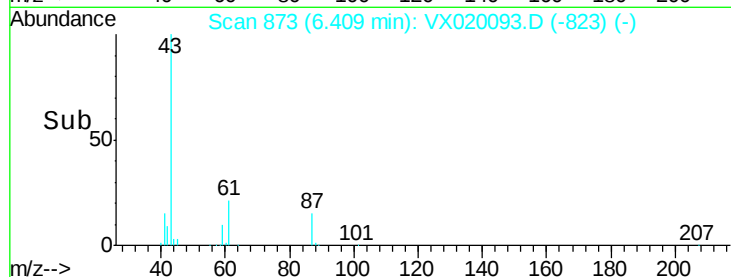
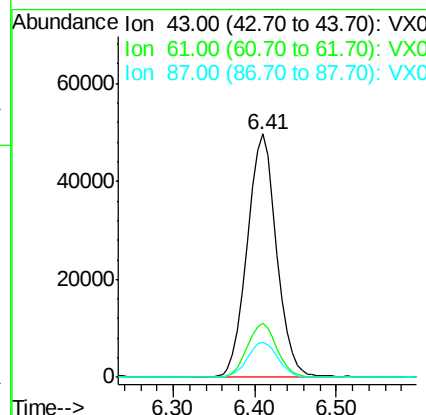
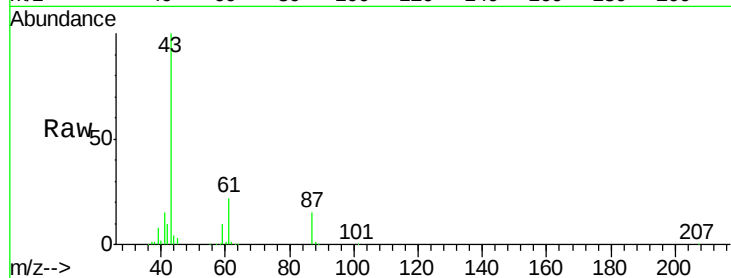




#43
Isopropyl Acetate
Concen: 20.218 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.01 min
Lab File: VX020093.D
Acq: 17 Dec 2020 02:48

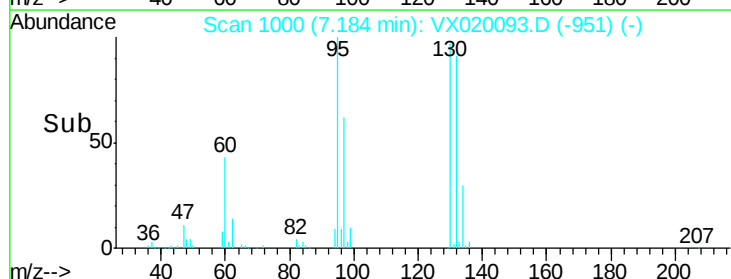
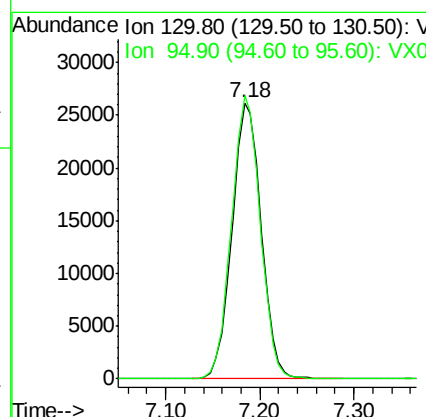
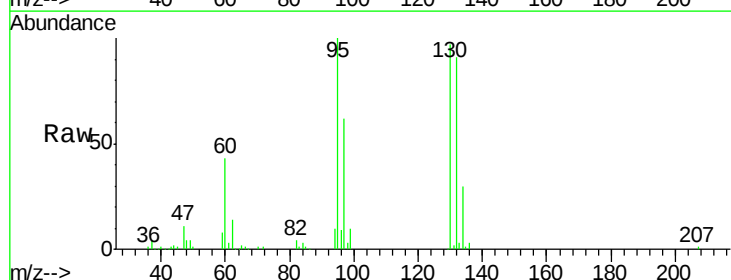
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD02

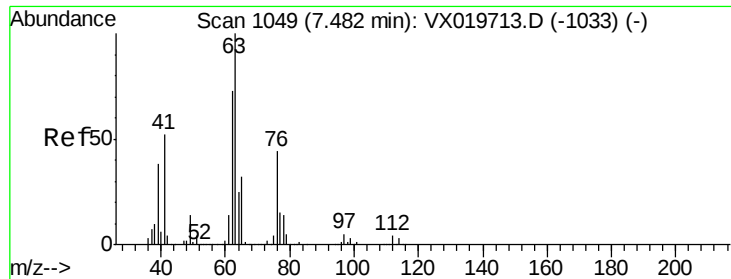
Tgt Ion: 43 Resp: 124060
Ion Ratio Lower Upper
43 100
61 22.5 18.2 27.4
87 15.0 12.5 18.7



#44
Trichloroethene
Concen: 18.757 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VX020093.D
Acq: 17 Dec 2020 02:48

Tgt Ion: 130 Resp: 56195
Ion Ratio Lower Upper
130 100
95 102.6 0.0 198.0

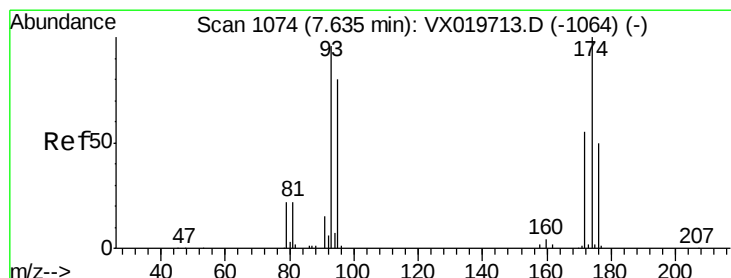
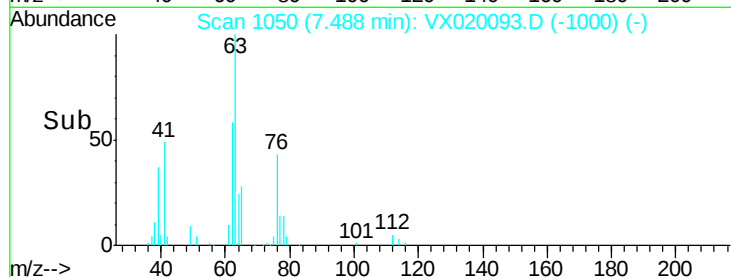
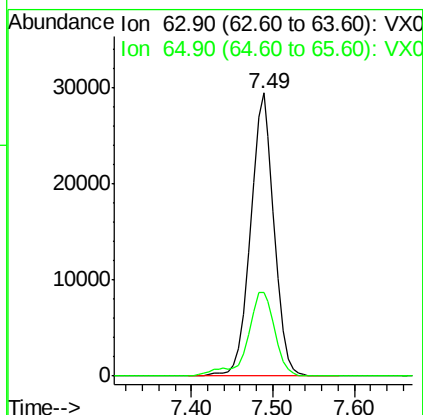
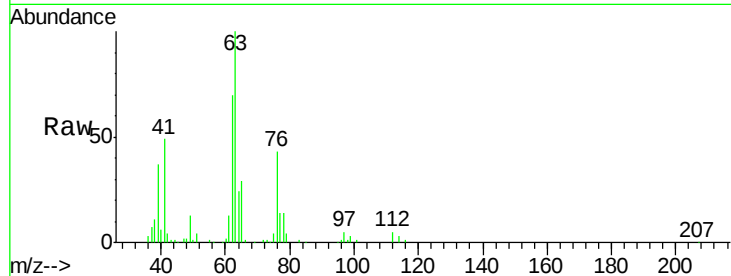




#45
 1,2-Dichloropropane
 Concen: 20.732 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VX020093.D
 Acq: 17 Dec 2020 02:48

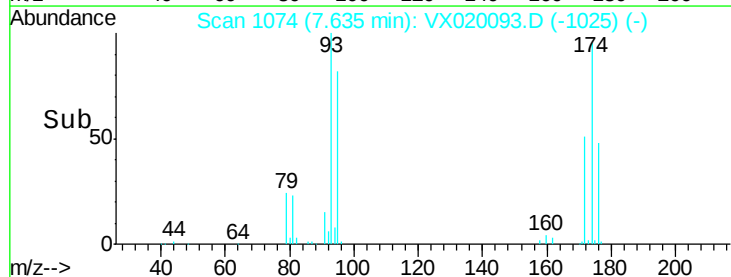
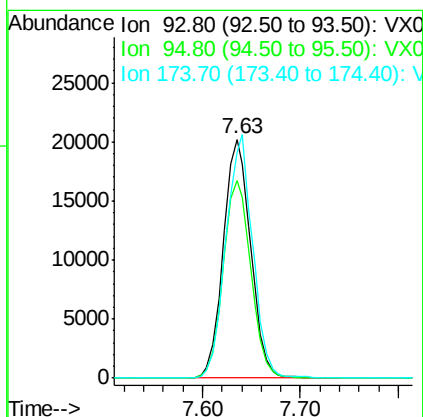
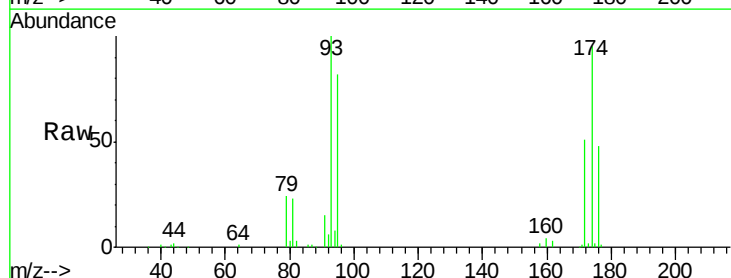
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBSD02

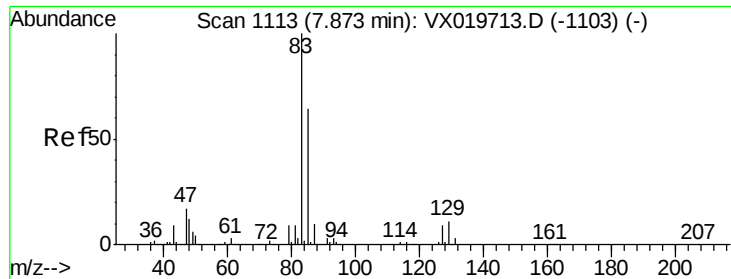
Tgt Ion: 63 Resp: 59166
 Ion Ratio Lower Upper
 63 100
 65 29.5 25.7 38.5



#46
 Dibromomethane
 Concen: 20.333 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VX020093.D
 Acq: 17 Dec 2020 02:48

Tgt Ion: 93 Resp: 39186
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.8 100.2
 174 100.1 83.1 124.7





#47

Bromodichloromethane

Concen: 20.028 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX020093.D

Acq: 17 Dec 2020 02:48

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBSD02

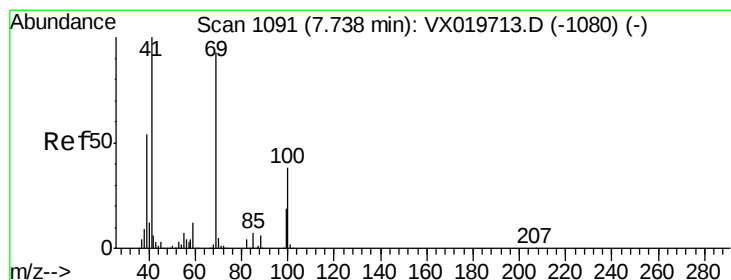
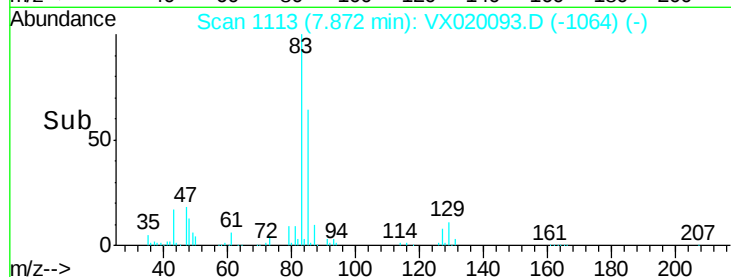
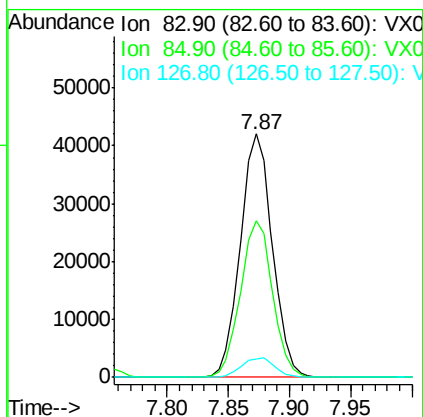
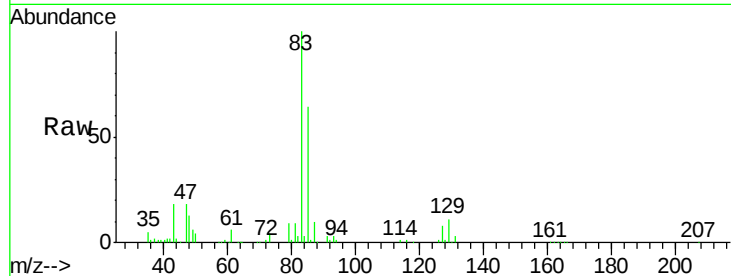
Tgt Ion: 83 Resp: 76590

Ion Ratio Lower Upper

83 100

85 64.3 51.4 77.0

127 7.7 6.8 10.2



#48

Methyl methacrylate

Concen: 20.287 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.01 min

Lab File: VX020093.D

Acq: 17 Dec 2020 02:48

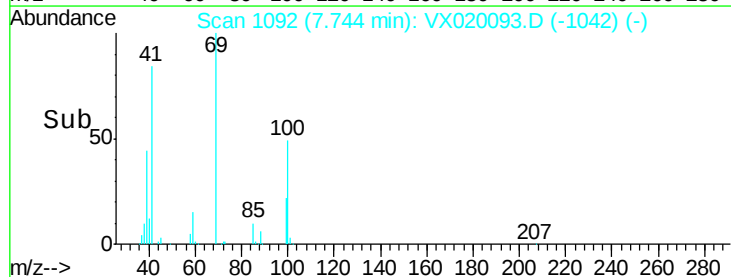
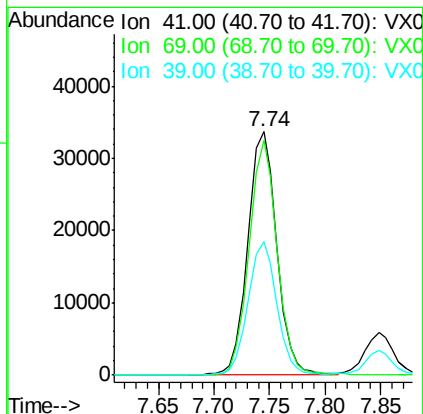
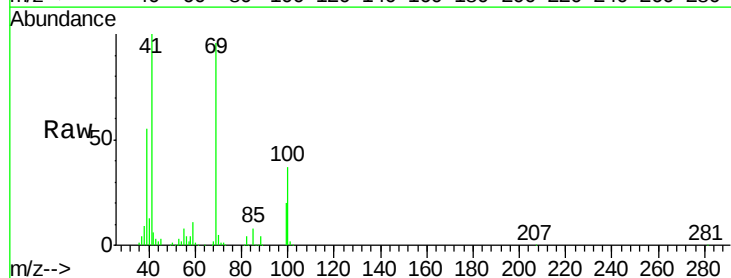
Tgt Ion: 41 Resp: 61220

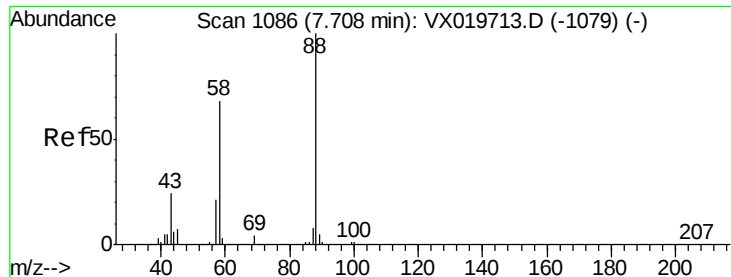
Ion Ratio Lower Upper

41 100

69 93.6 76.0 114.0

39 54.6 44.6 67.0

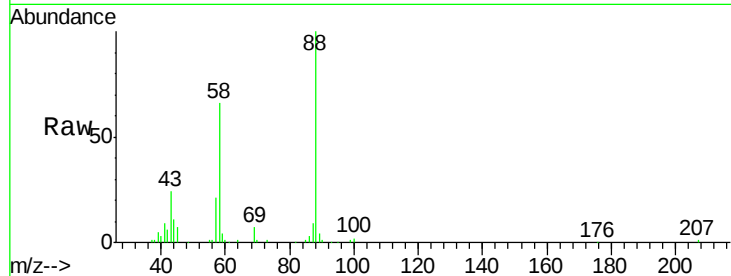




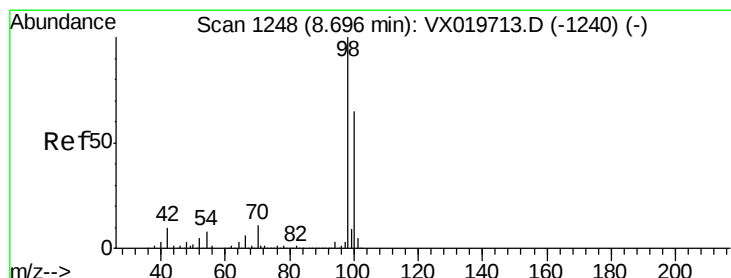
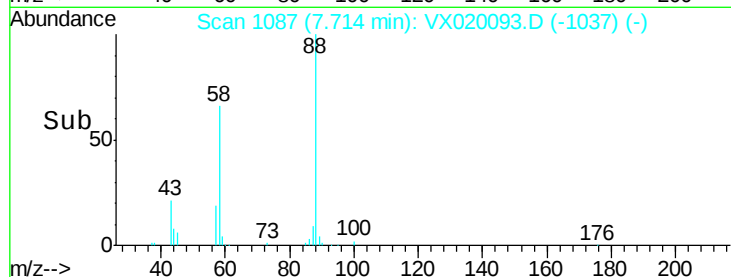
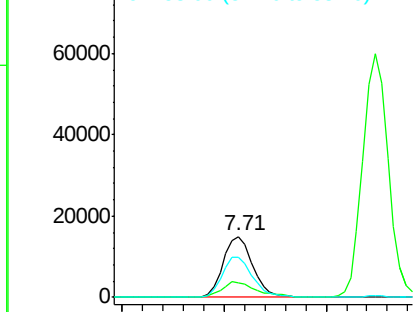
#49
1,4-Dioxane
Concen: 409.471 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX020093.D
Acq: 17 Dec 2020 02:48

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD02

Tgt Ion: 88 Resp: 29934
Ion Ratio Lower Upper
88 100
43 28.6 23.2 34.8
58 69.5 55.0 82.4

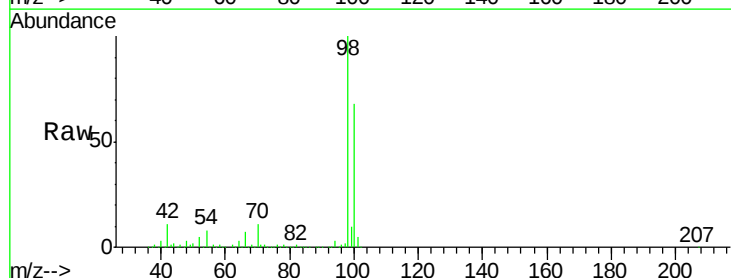


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

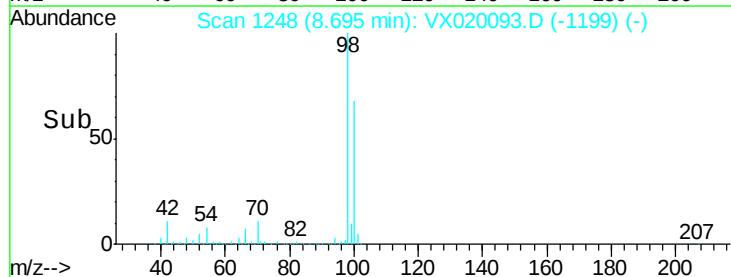
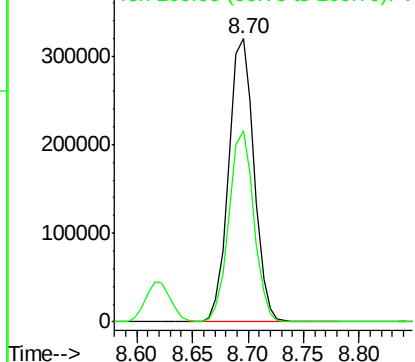


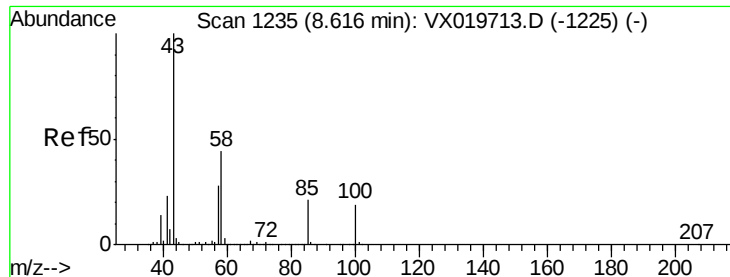
#50
Toluene-d8
Concen: 49.284 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX020093.D
Acq: 17 Dec 2020 02:48

Tgt Ion: 98 Resp: 503021
Ion Ratio Lower Upper
98 100
100 66.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

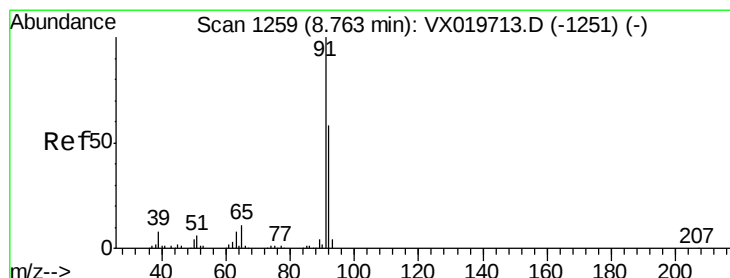
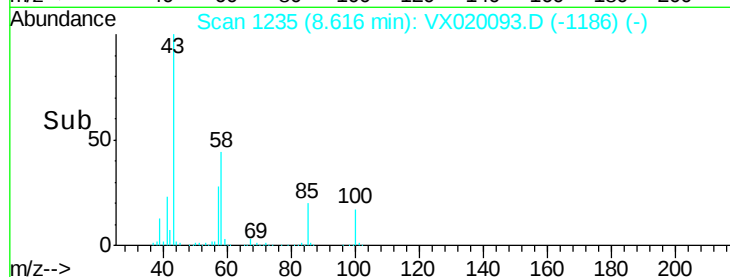
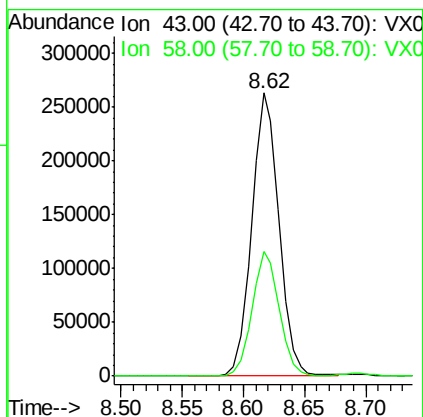
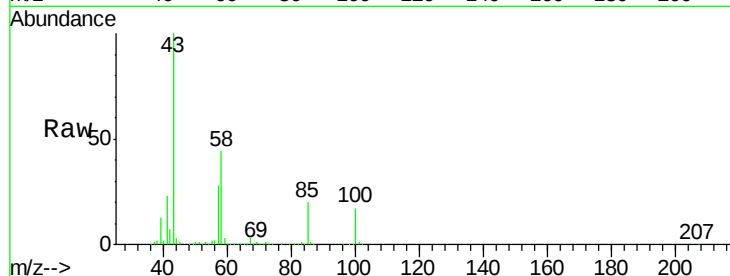




#51
 4-Methyl-2-Pentanone
 Concen: 108.827 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VX020093.D
 Acq: 17 Dec 2020 02:48

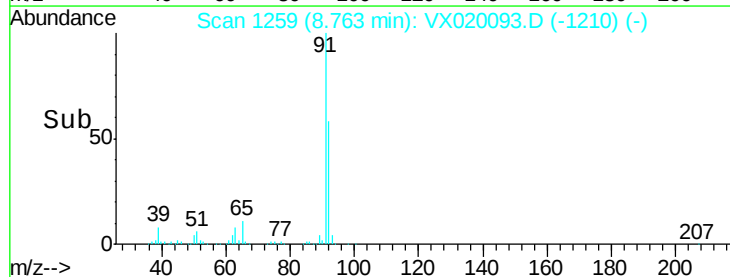
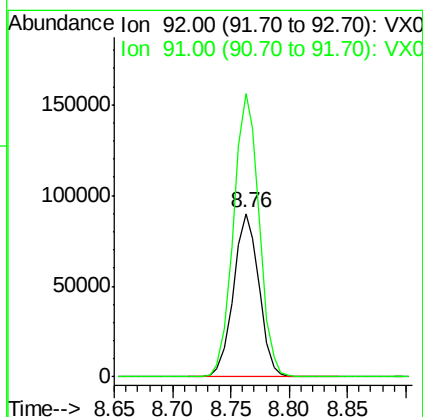
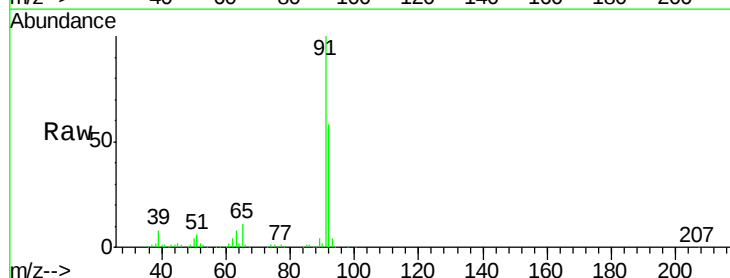
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBSD02

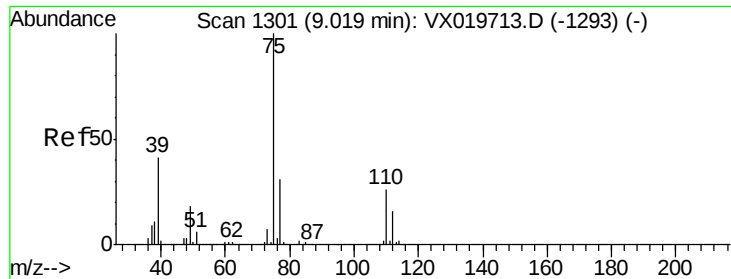
Tgt Ion: 43 Resp: 407692
 Ion Ratio Lower Upper
 43 100
 58 43.8 35.4 53.0



#52
 Toluene
 Concen: 19.204 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX020093.D
 Acq: 17 Dec 2020 02:48

Tgt Ion: 92 Resp: 137149
 Ion Ratio Lower Upper
 92 100
 91 174.6 137.1 205.7

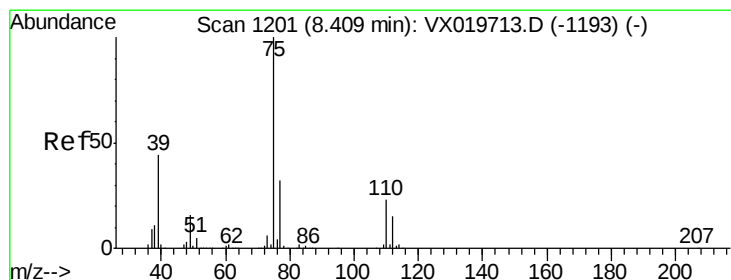
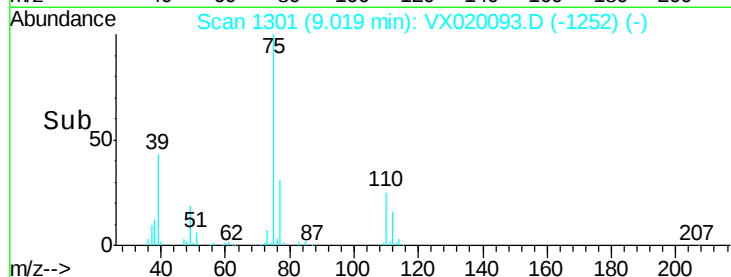
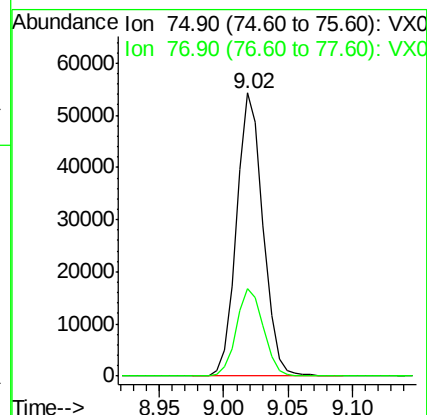
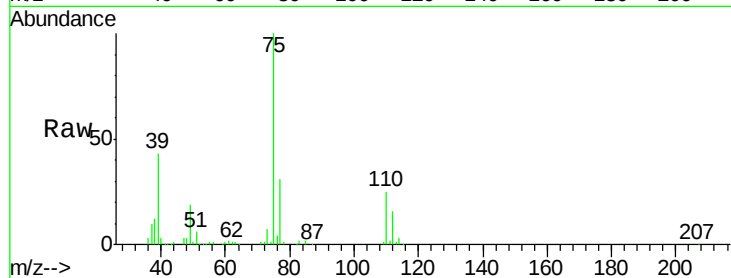




#53
 t-1,3-Dichloropropene
 Concen: 18.302 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: VX020093.D
 Acq: 17 Dec 2020 02:48

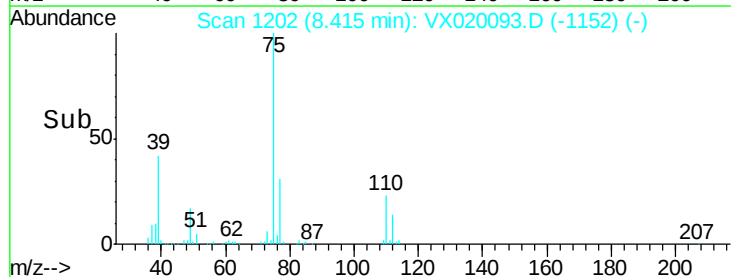
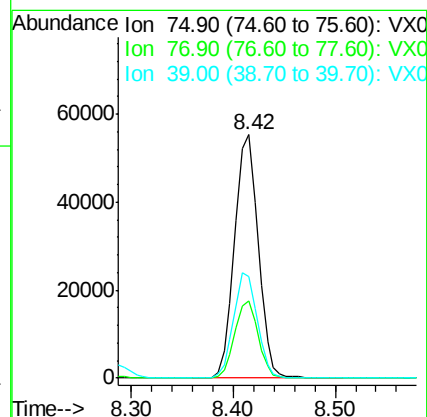
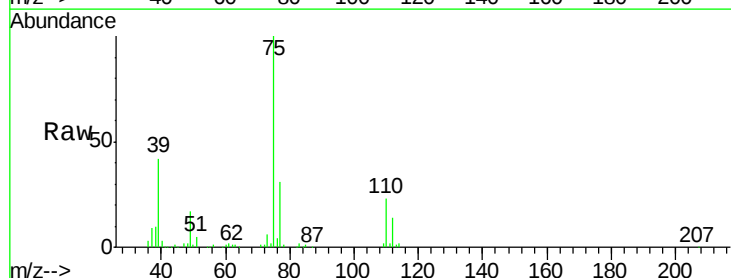
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBSD02

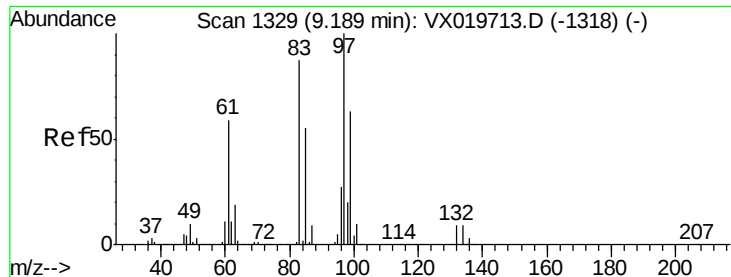
Tgt Ion: 75 Resp: 77670
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 19.222 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: VX020093.D
 Acq: 17 Dec 2020 02:48

Tgt Ion: 75 Resp: 88620
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.7 38.5
 39 41.7 35.1 52.7

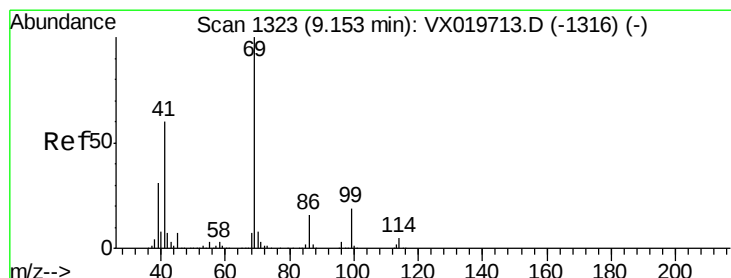
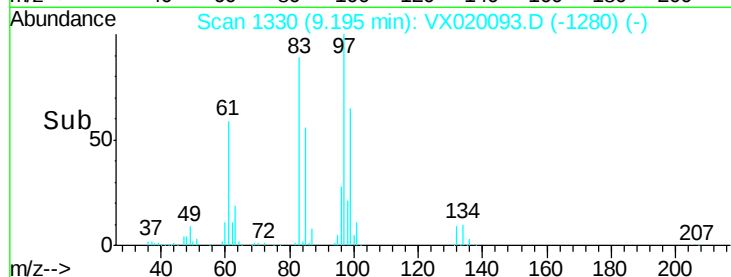
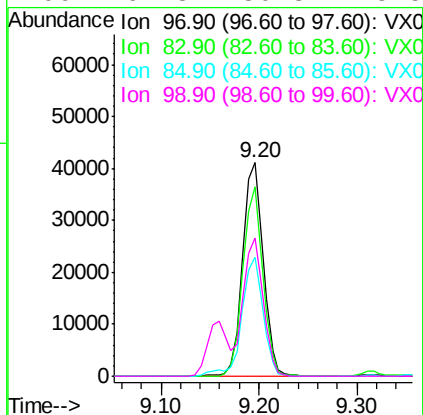
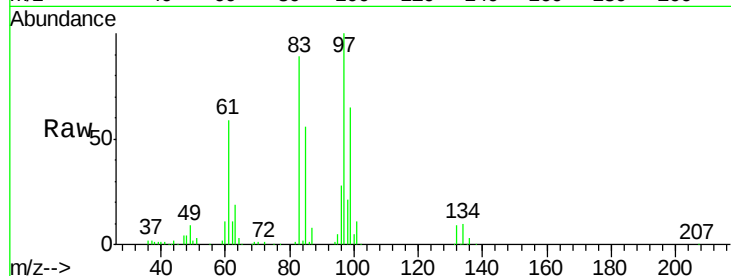




#55
 1,1,2-Trichloroethane
 Concen: 20.981 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX020093.D
 Acq: 17 Dec 2020 02:48

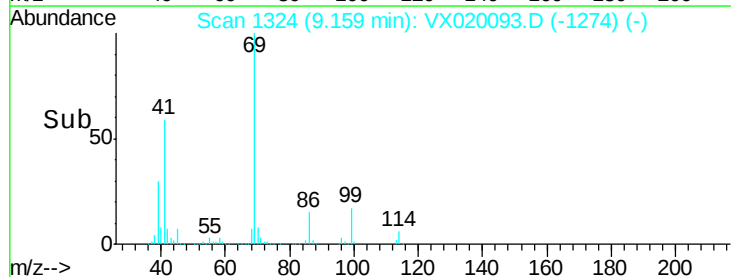
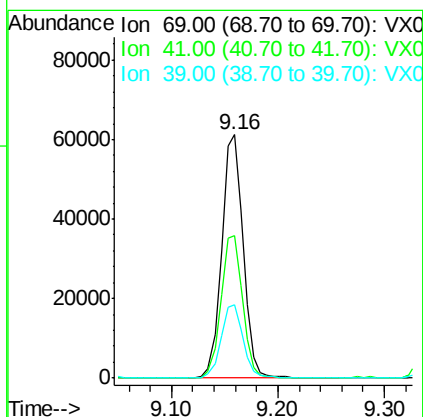
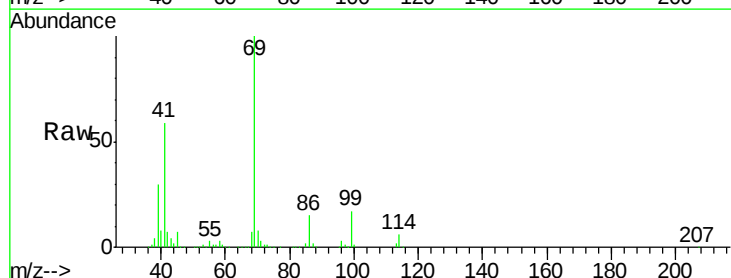
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBSD02

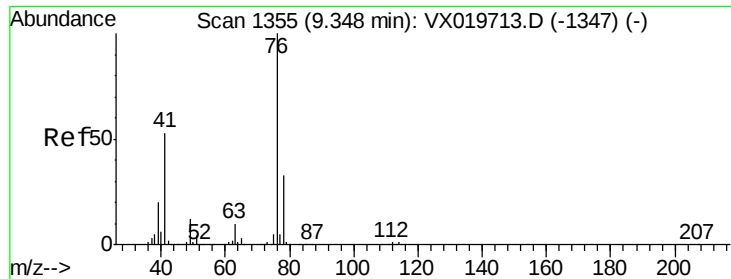
Tgt Ion:	97	Resp:	60384
Ion	Ratio	Lower	Upper
97	100		
83	88.6	69.3	103.9
85	55.9	44.3	66.5
99	64.8	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 19.789 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX020093.D
 Acq: 17 Dec 2020 02:48

Tgt Ion:	69	Resp:	86167
Ion	Ratio	Lower	Upper
69	100		
41	59.3	46.8	70.2
39	30.8	24.7	37.1





#57

1,3-Dichloropropane

Concen: 20.651 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.00 min

Lab File: VX020093.D

Acq: 17 Dec 2020 02:48

Instrument :

MSVOA_X

ClientSampleId :

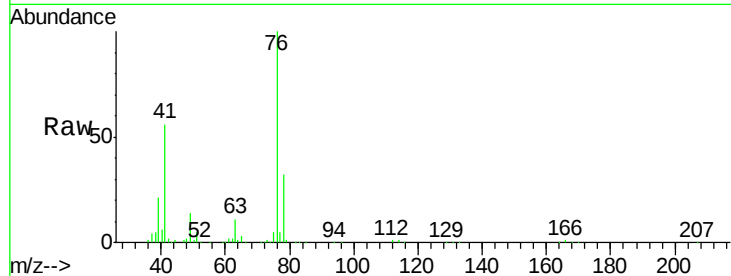
VX1217WBSD02

Tgt Ion: 76 Resp: 101485

Ion Ratio Lower Upper

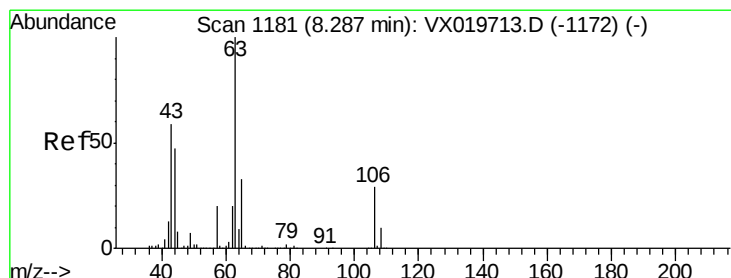
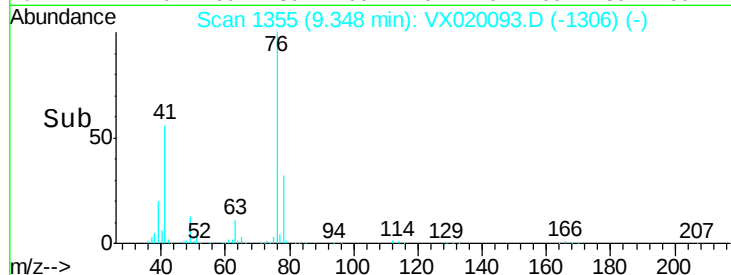
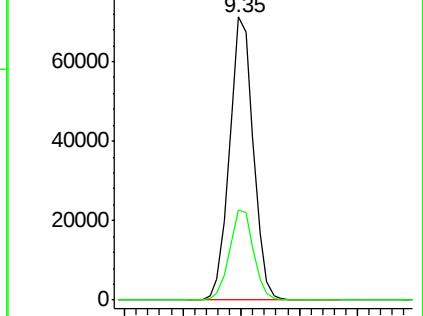
76 100

78 32.3 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 100.741 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX020093.D

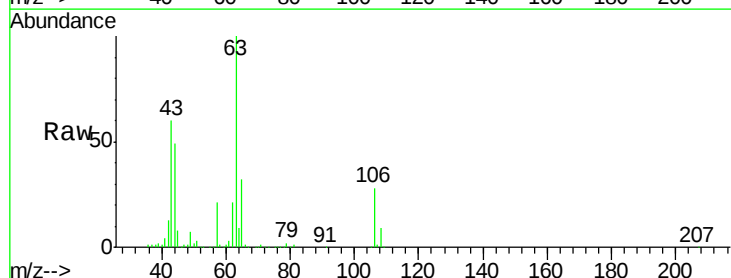
Acq: 17 Dec 2020 02:48

Tgt Ion: 63 Resp: 232380

Ion Ratio Lower Upper

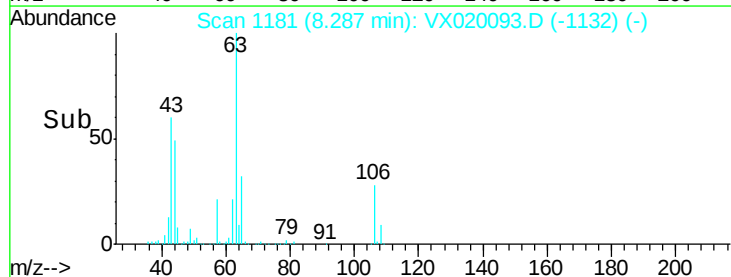
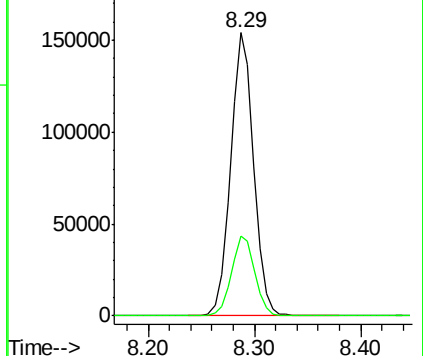
63 100

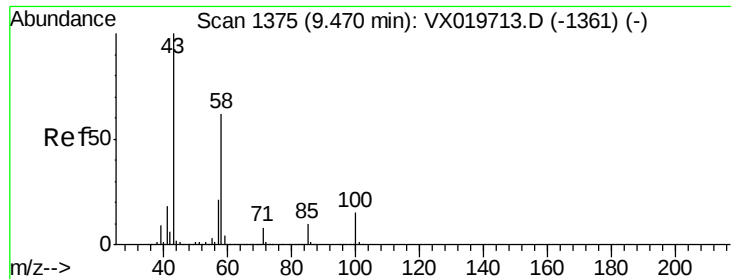
106 28.6 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

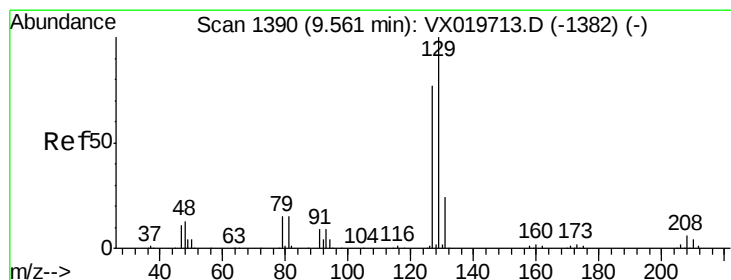
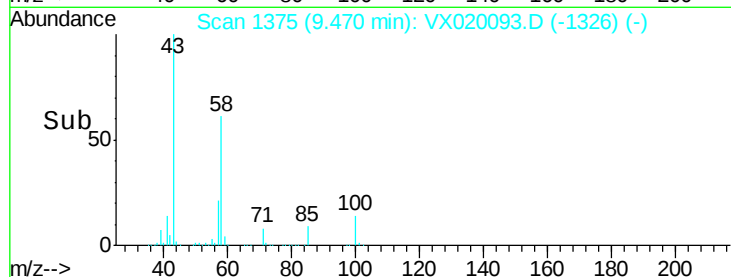
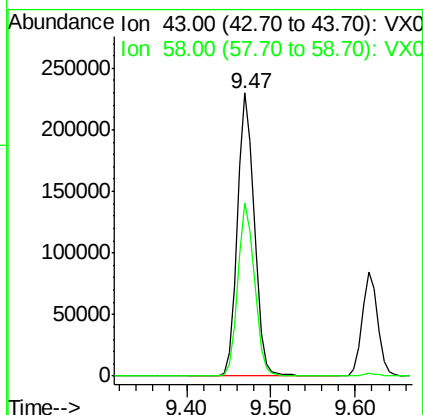
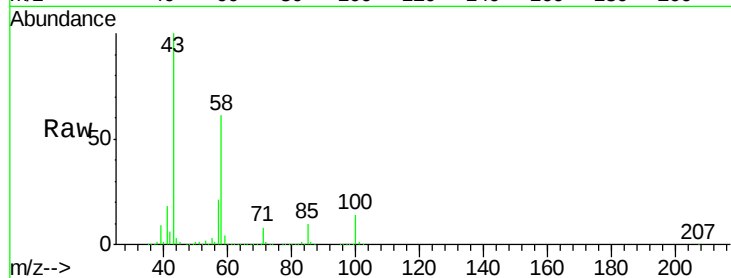




#59
2-Hexanone
Concen: 106.289 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX020093.D
Acq: 17 Dec 2020 02:48

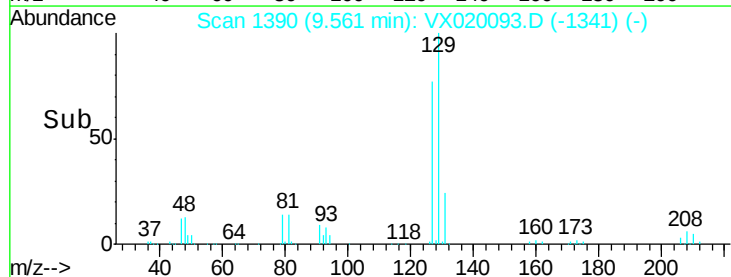
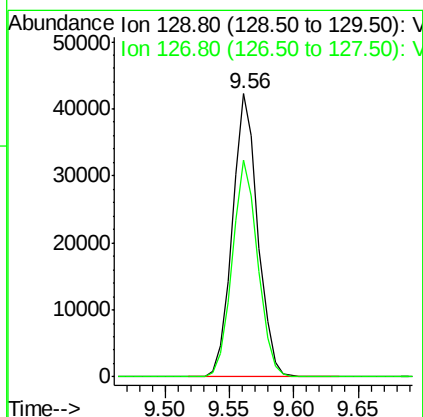
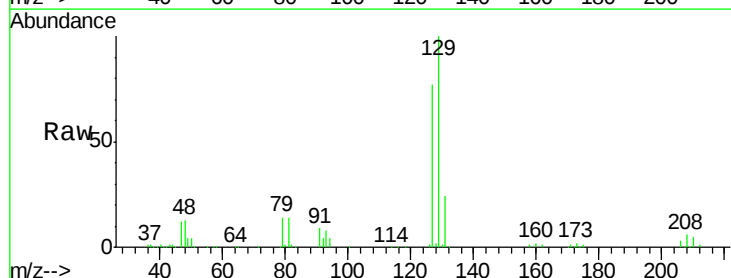
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD02

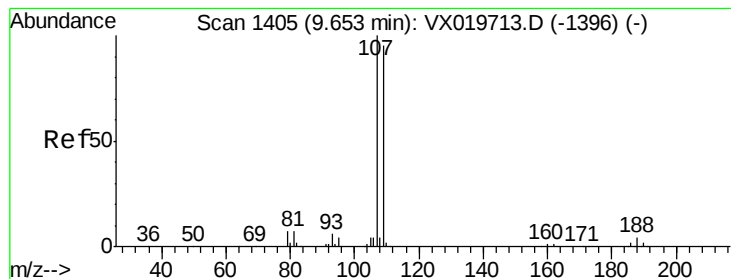
Tgt Ion: 43 Resp: 308645
Ion Ratio Lower Upper
43 100
58 60.4 30.9 92.8



#60
Dibromochloromethane
Concen: 19.912 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX020093.D
Acq: 17 Dec 2020 02:48

Tgt Ion: 129 Resp: 58221
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.908 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX020093.D

Acq: 17 Dec 2020 02:48

Instrument :

MSVOA_X

ClientSampleId :

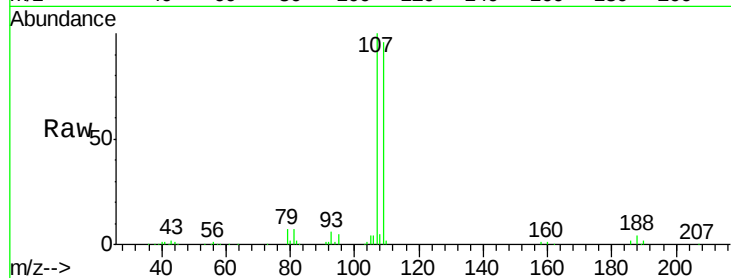
VX1217WBSD02

Tgt Ion: 107 Resp: 60840

Ion Ratio Lower Upper

107 100

109 95.8 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

40000

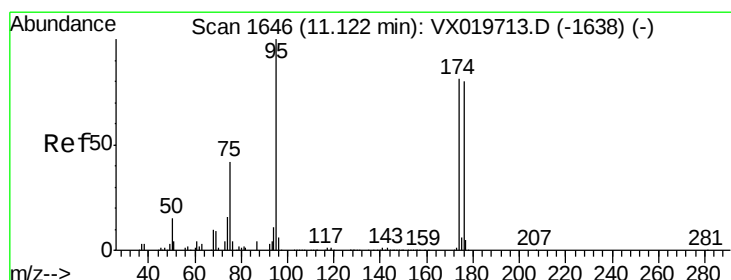
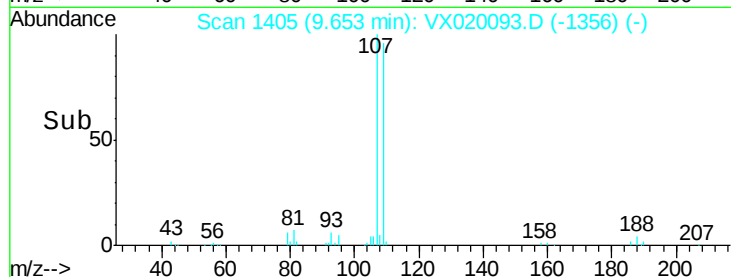
30000

20000

10000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 48.196 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX020093.D

Acq: 17 Dec 2020 02:48

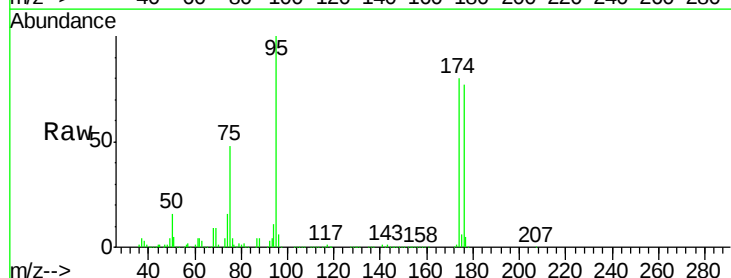
Tgt Ion: 95 Resp: 187230

Ion Ratio Lower Upper

95 100

174 77.1 0.0 154.6

176 74.7 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

200000

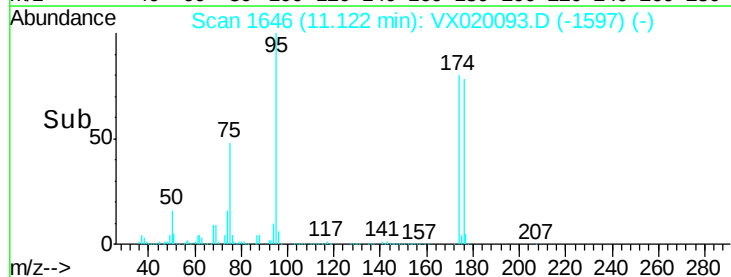
150000

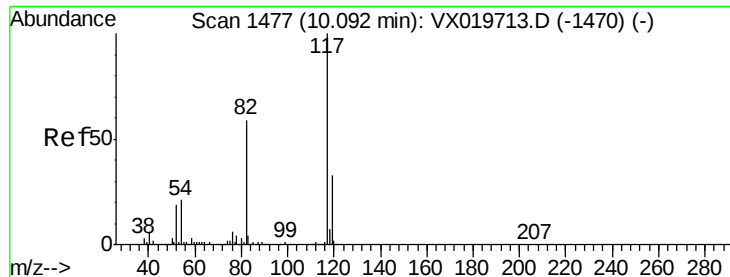
100000

50000

0

Time--> 11.10 11.20

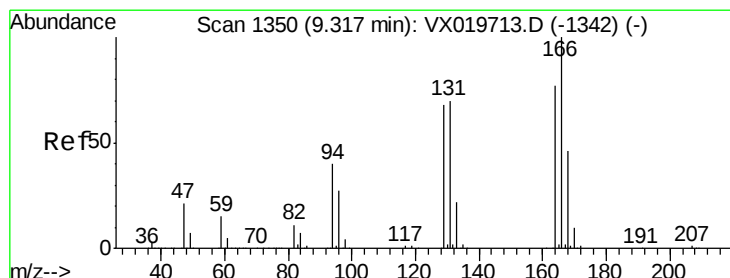
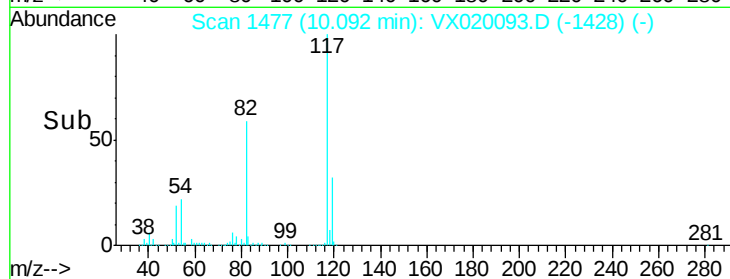
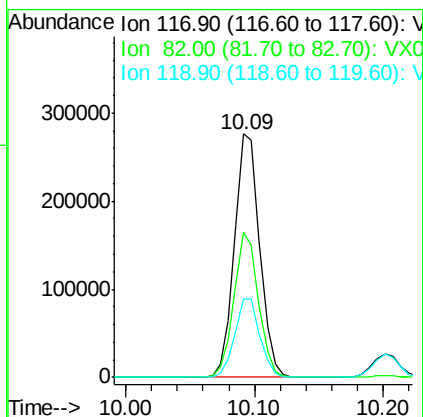
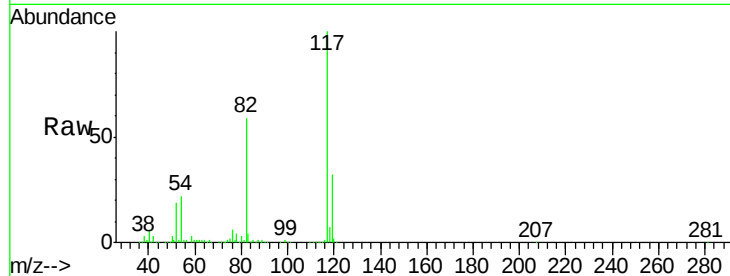




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX020093.D
Acq: 17 Dec 2020 02:48

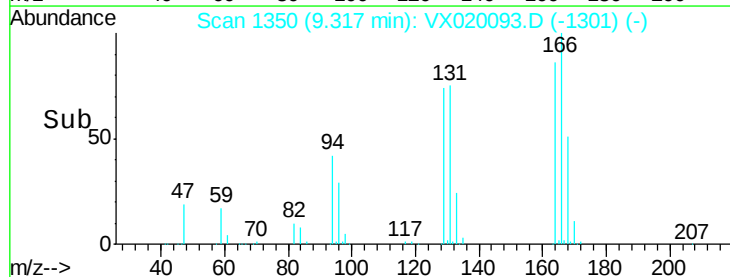
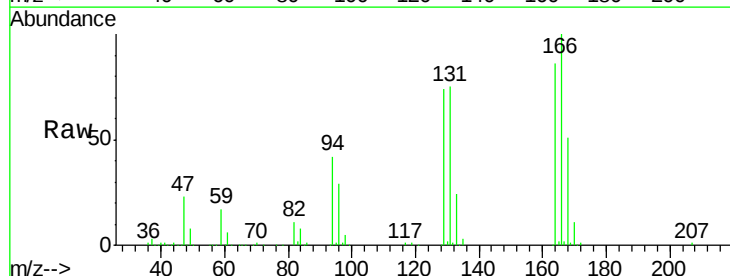
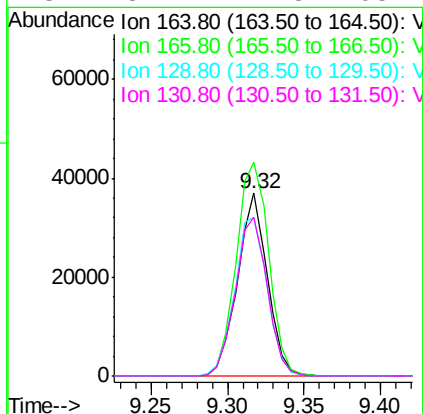
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD02

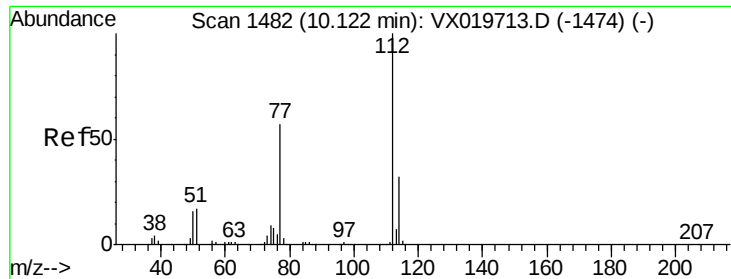
Tgt Ion:117 Resp: 378481
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.2
119 32.3 26.6 39.8



#64
Tetrachloroethene
Concen: 19.616 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX020093.D
Acq: 17 Dec 2020 02:48

Tgt Ion:164 Resp: 49789
Ion Ratio Lower Upper
164 100
166 116.9 103.4 155.2
129 86.7 70.8 106.2
131 87.2 72.5 108.7

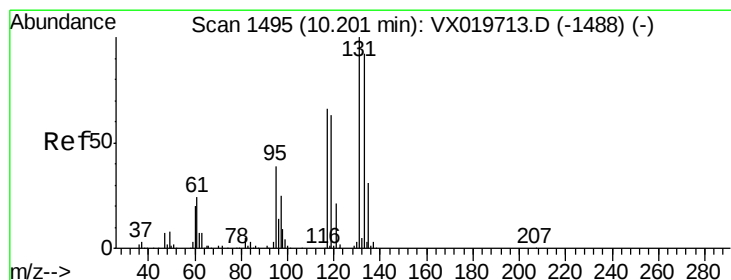
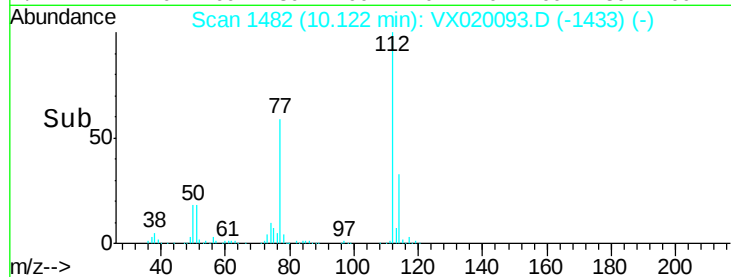
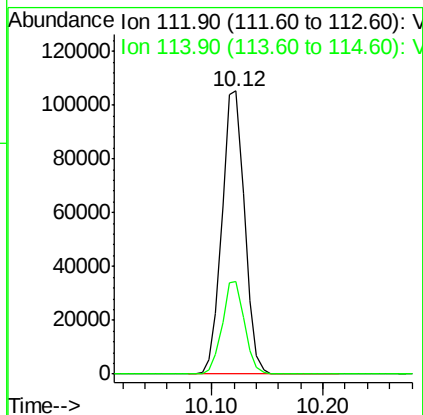
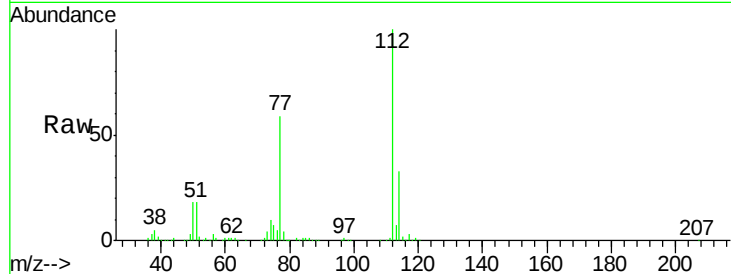




#65
Chlorobenzene
Concen: 19.633 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX020093.D
Acq: 17 Dec 2020 02:48

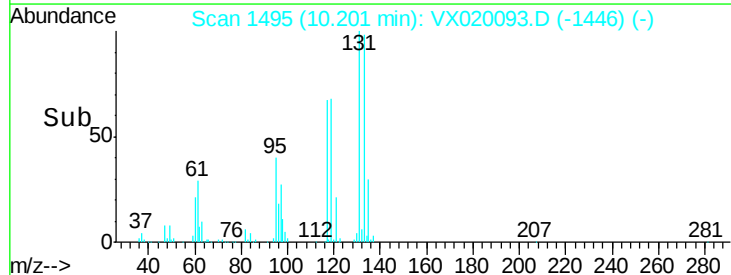
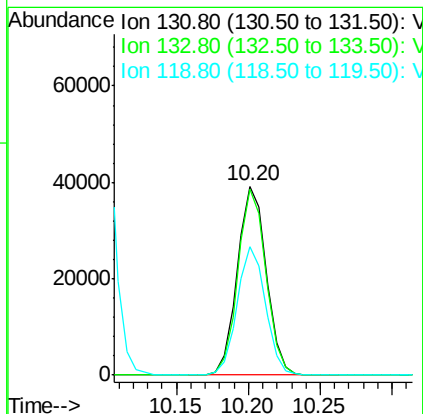
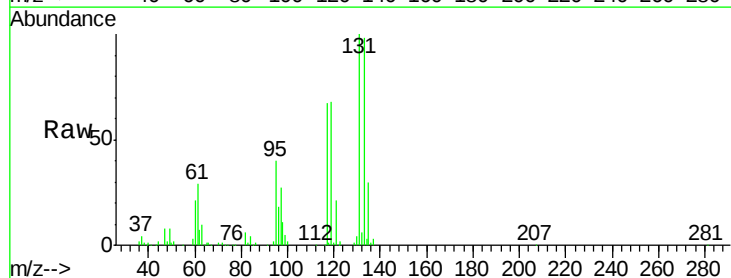
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD02

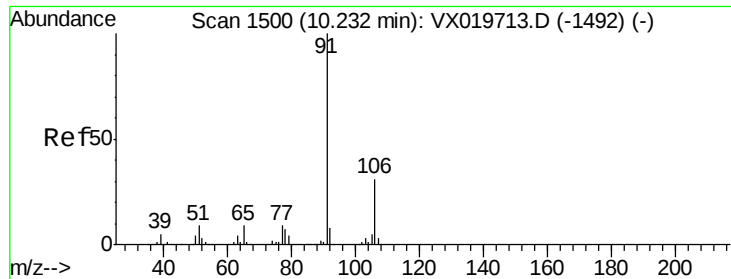
Tgt Ion:112 Resp: 148040
Ion Ratio Lower Upper
112 100
114 32.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.211 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX020093.D
Acq: 17 Dec 2020 02:48

Tgt Ion:131 Resp: 54852
Ion Ratio Lower Upper
131 100
133 95.1 47.7 143.1
119 66.5 32.1 96.5

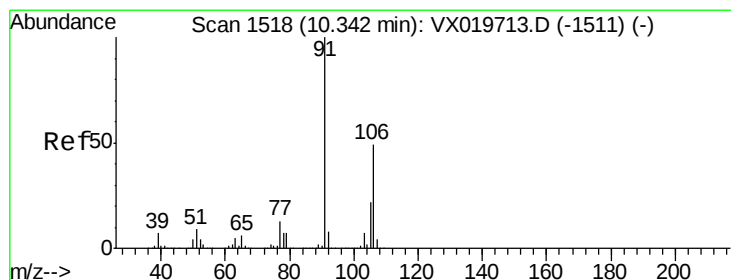
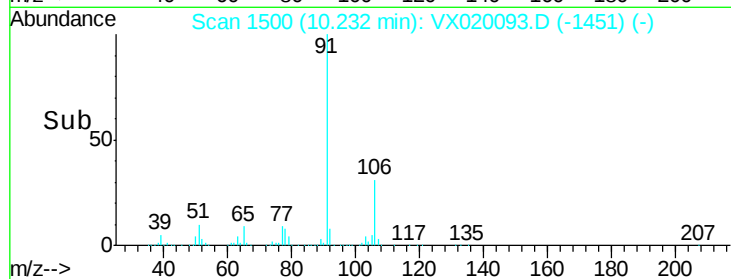
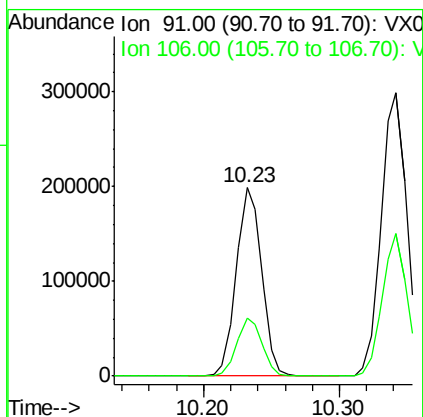
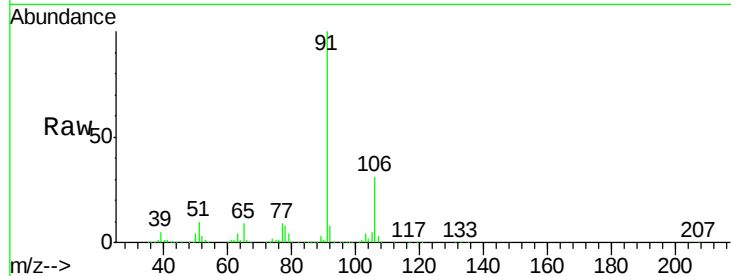




#67
Ethyl Benzene
Concen: 19.278 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX020093.D
Acq: 17 Dec 2020 02:48

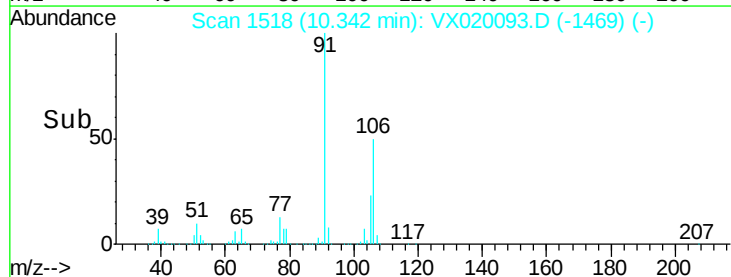
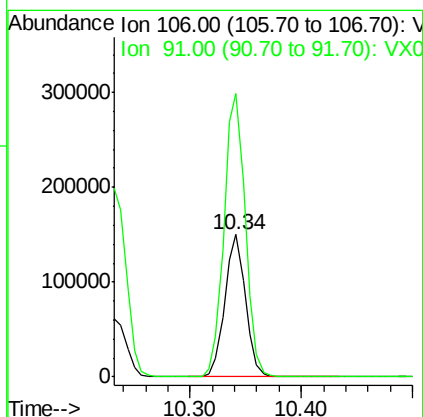
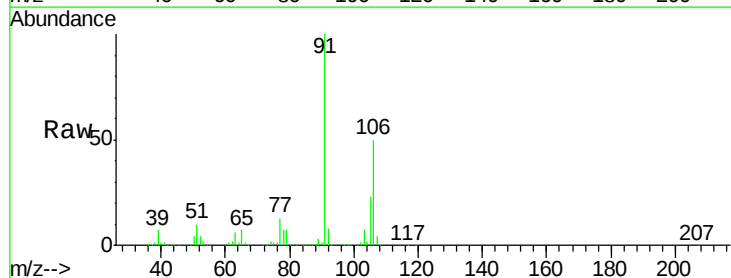
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD02

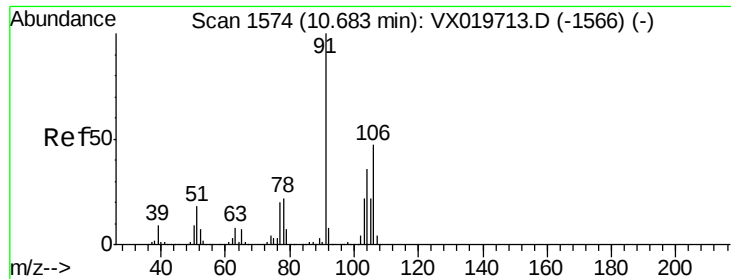
Tgt Ion: 91 Resp: 258033
Ion Ratio Lower Upper
91 100
106 30.5 24.6 37.0



#68
m/p-Xylenes
Concen: 38.055 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX020093.D
Acq: 17 Dec 2020 02:48

Tgt Ion: 106 Resp: 191928
Ion Ratio Lower Upper
106 100
91 205.5 162.8 244.2

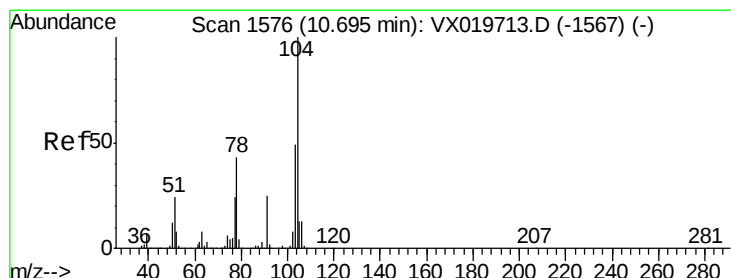
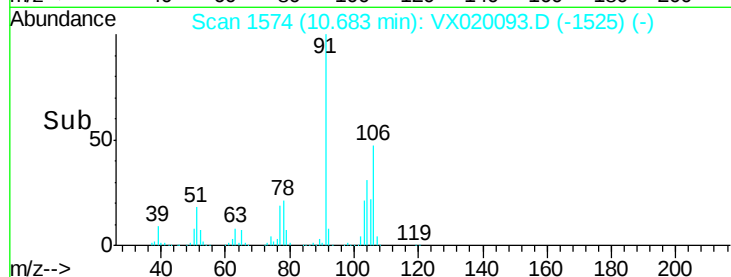
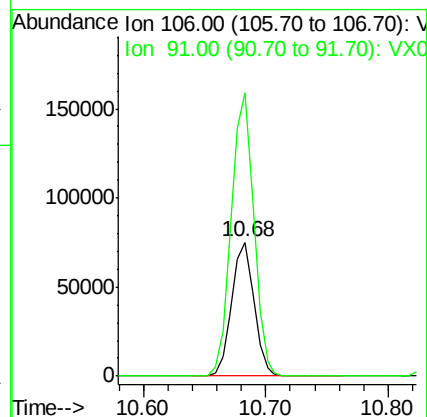
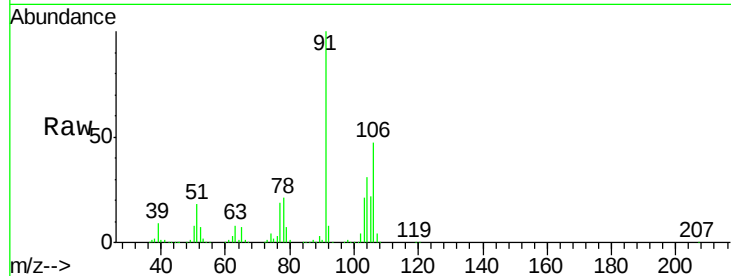




#69
o-Xylene
Concen: 19.478 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX020093.D
Acq: 17 Dec 2020 02:48

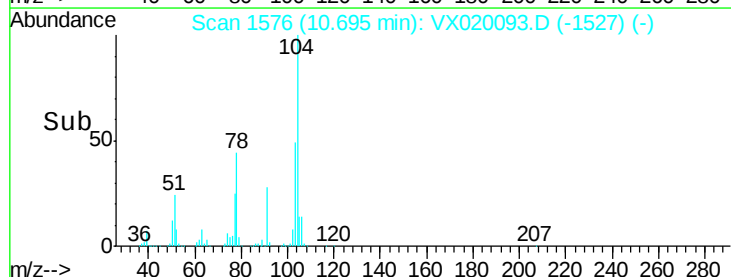
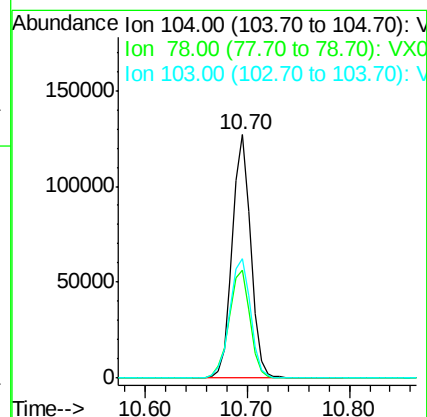
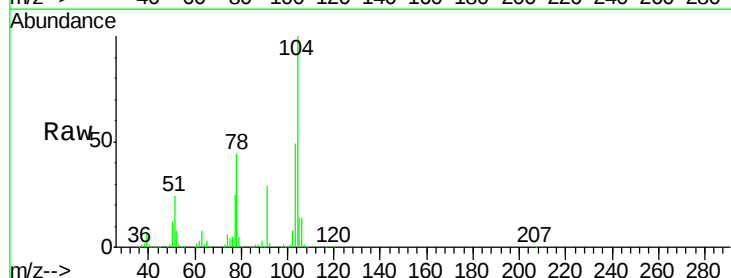
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD02

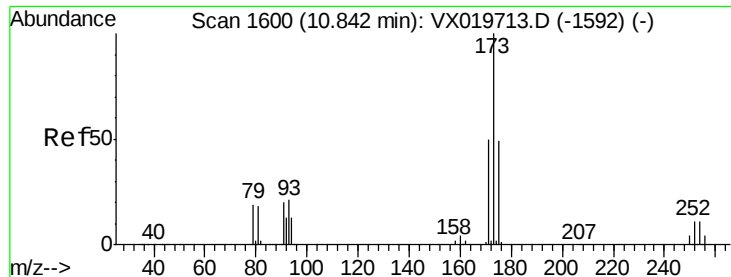
Tgt Ion:106 Resp: 94500
Ion Ratio Lower Upper
106 100
91 214.6 108.1 324.2



#70
Styrene
Concen: 19.344 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX020093.D
Acq: 17 Dec 2020 02:48

Tgt Ion:104 Resp: 158402
Ion Ratio Lower Upper
104 100
78 50.6 40.0 60.0
103 55.7 43.4 65.0

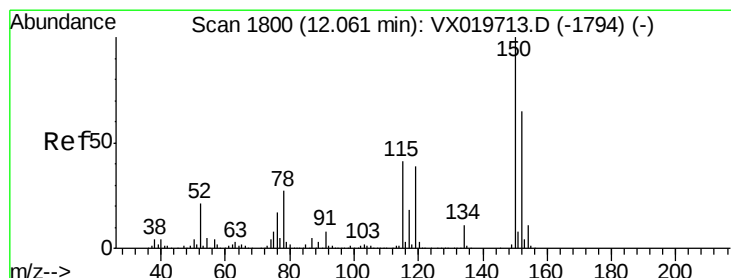
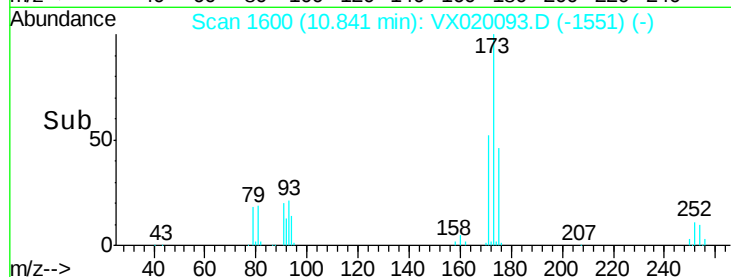
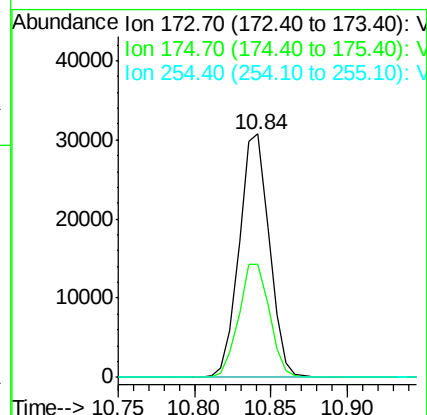
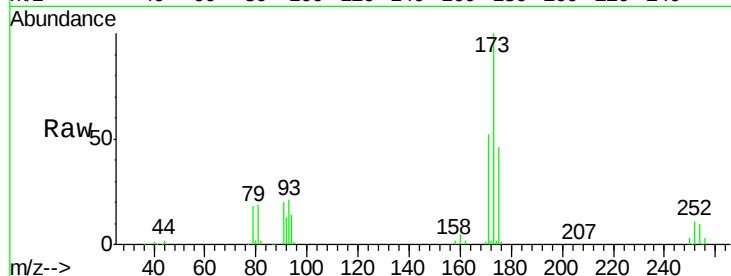




#71
Bromoform
Concen: 19.641 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX020093.D
Acq: 17 Dec 2020 02:48

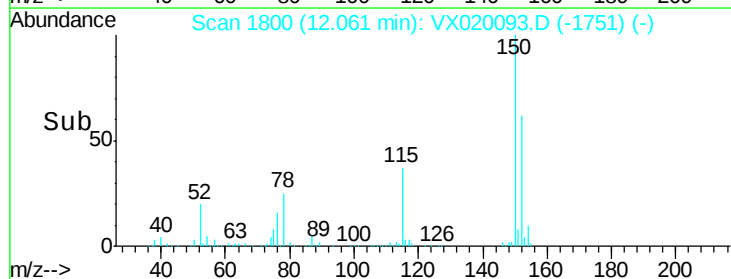
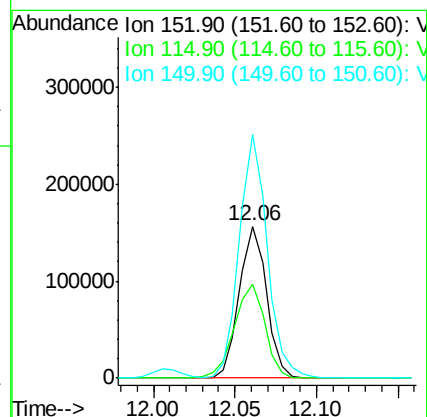
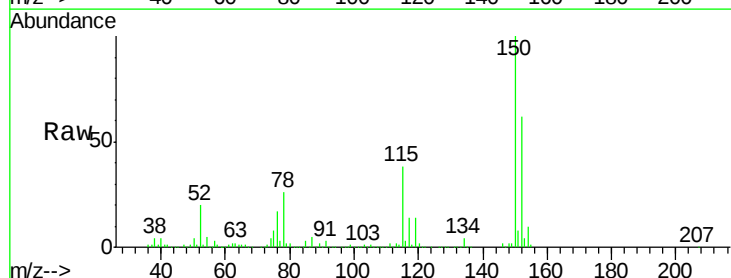
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD02

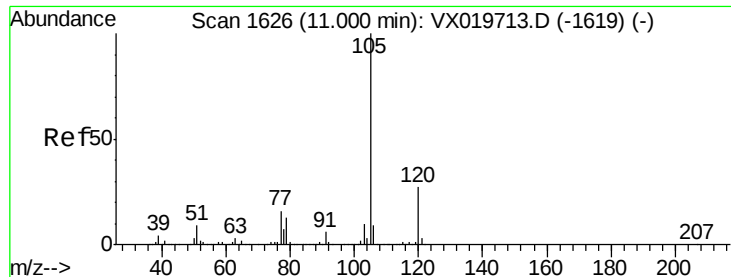
Tgt Ion:173 Resp: 41935
Ion Ratio Lower Upper
173 100
175 47.7 23.9 71.8
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX020093.D
Acq: 17 Dec 2020 02:48

Tgt Ion:152 Resp: 182866
Ion Ratio Lower Upper
152 100
115 69.5 41.1 123.3
150 165.3 0.0 349.0





#73

Isopropylbenzene

Concen: 20.149 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX020093.D

Acq: 17 Dec 2020 02:48

Instrument :

MSVOA_X

ClientSampleId :

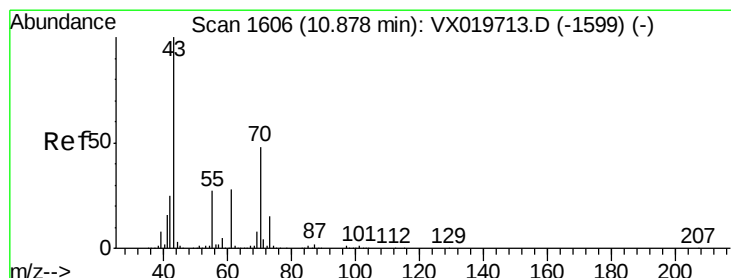
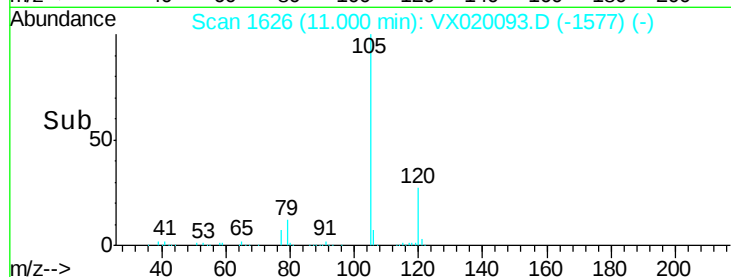
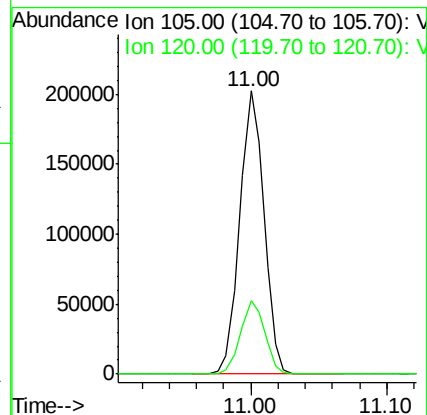
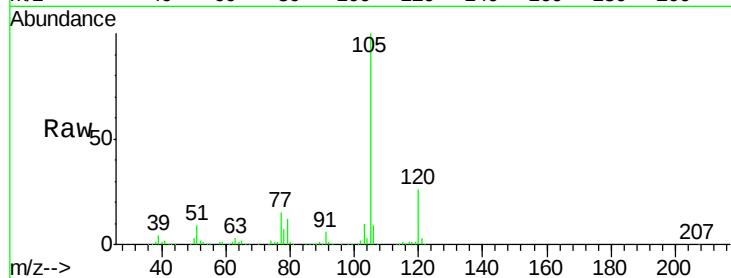
VX1217WBSD02

Tgt Ion: 105 Resp: 251732

Ion Ratio Lower Upper

105 100

120 26.0 13.2 39.6



#74

N-ethyl acetate

Concen: 19.859 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX020093.D

Acq: 17 Dec 2020 02:48

Tgt Ion: 43 Resp: 99427

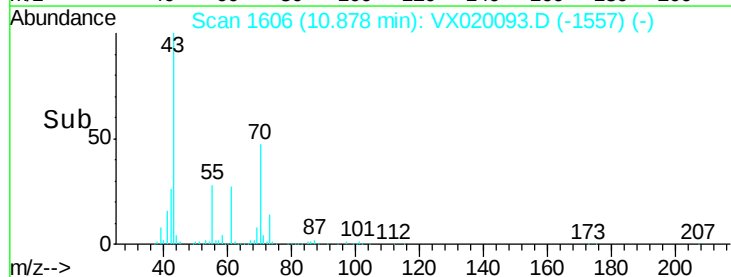
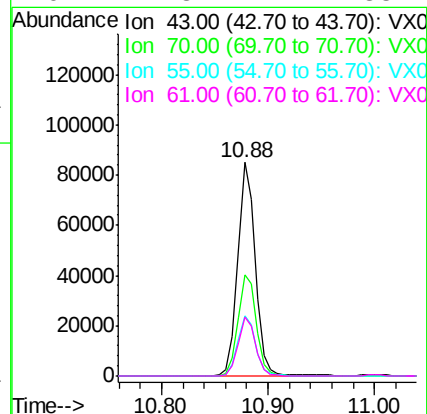
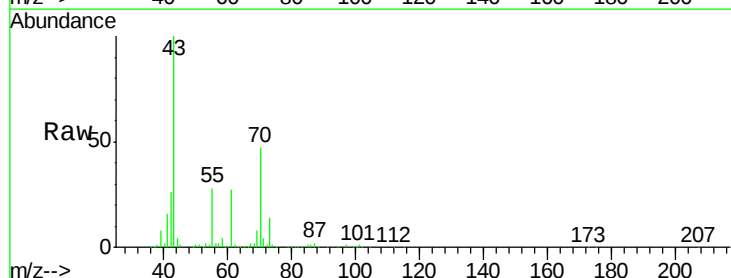
Ion Ratio Lower Upper

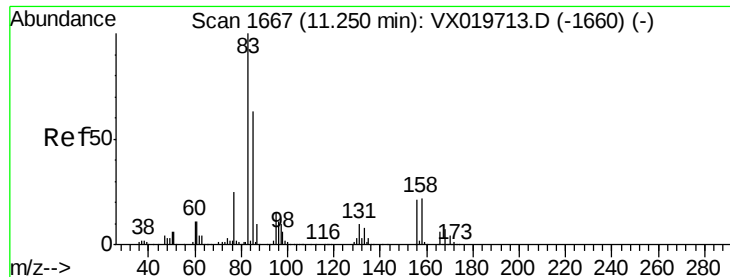
43 100

70 49.1 39.0 58.6

55 29.0 21.5 32.3

61 27.3 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.990 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX020093.D

Acq: 17 Dec 2020 02:48

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBSD02

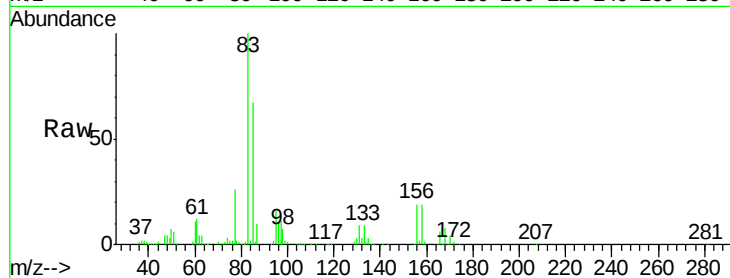
Tgt Ion: 83 Resp: 96858

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.2

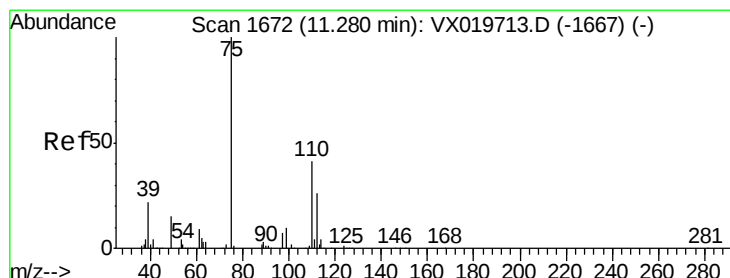
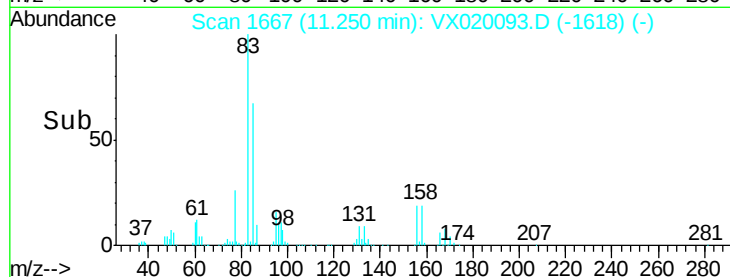
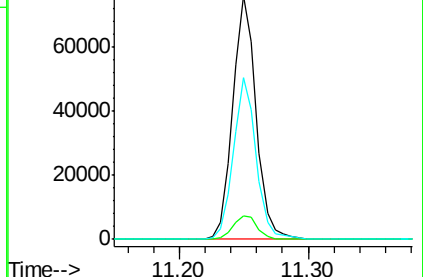
85 64.6 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.360 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX020093.D

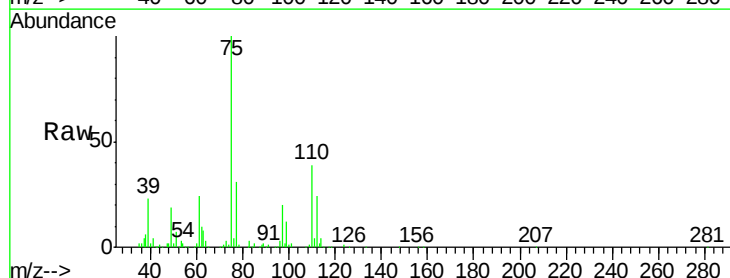
Acq: 17 Dec 2020 02:48

Tgt Ion: 75 Resp: 104012

Ion Ratio Lower Upper

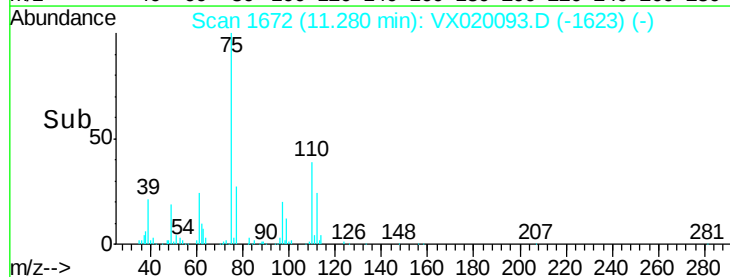
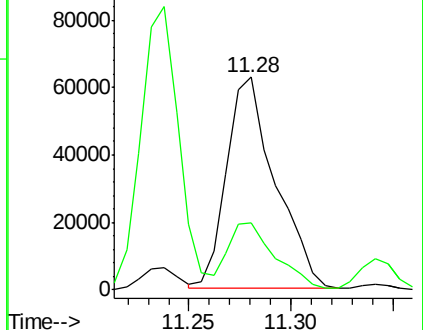
75 100

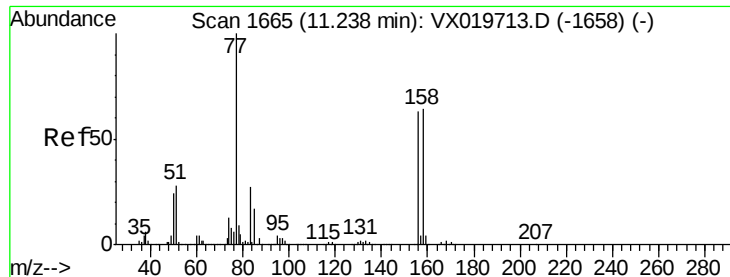
77 30.9 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.258 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX020093.D

Acq: 17 Dec 2020 02:48

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBSD02

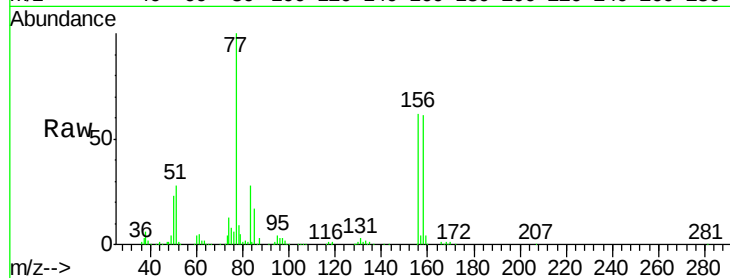
Tgt Ion:156 Resp: 64768

Ion Ratio Lower Upper

156 100

77 168.1 82.8 248.6

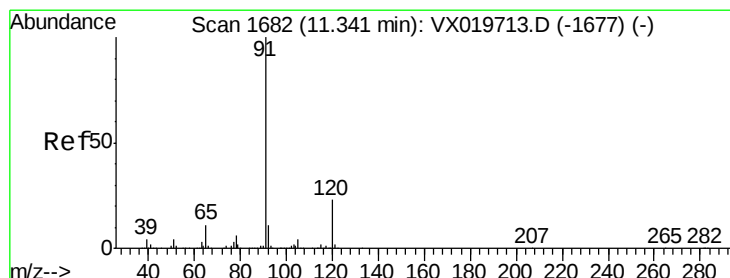
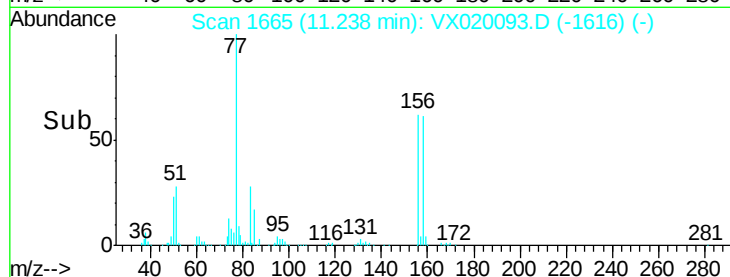
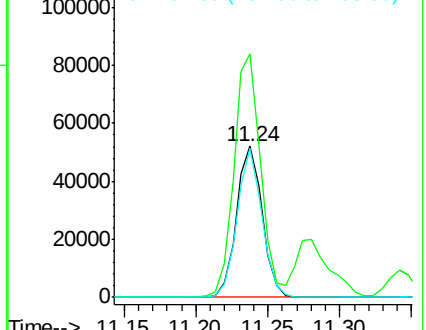
158 95.6 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.144 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX020093.D

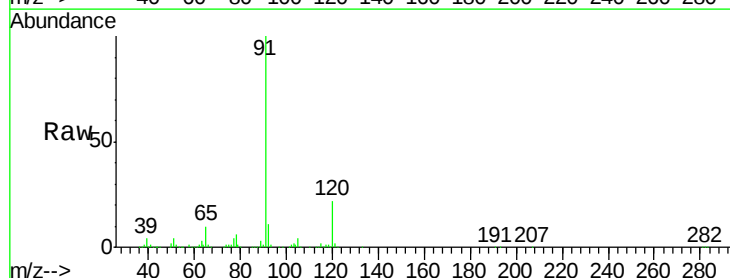
Acq: 17 Dec 2020 02:48

Tgt Ion: 91 Resp: 287438

Ion Ratio Lower Upper

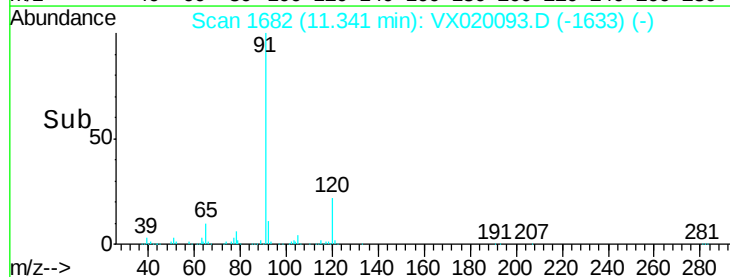
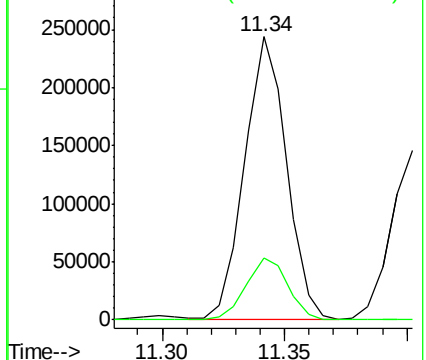
91 100

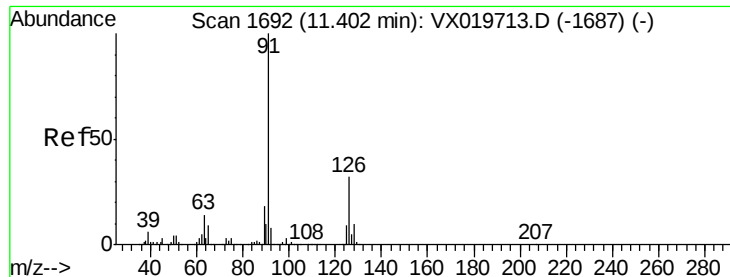
120 22.1 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

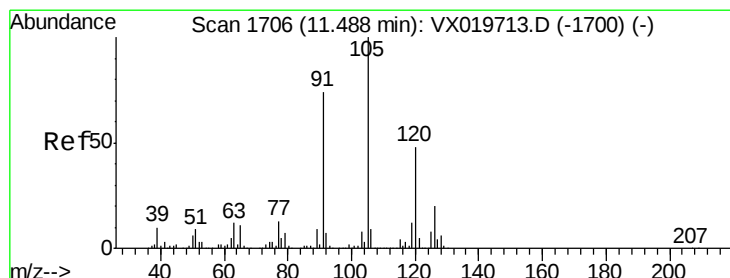
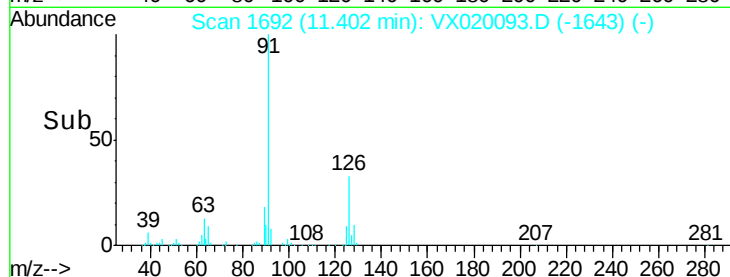
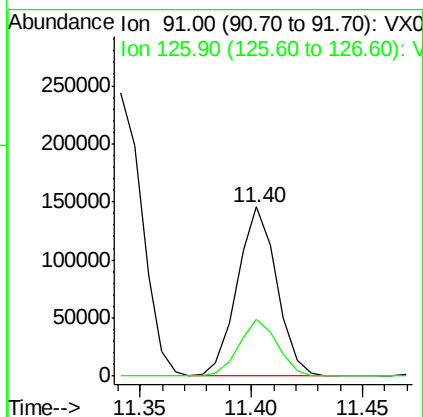
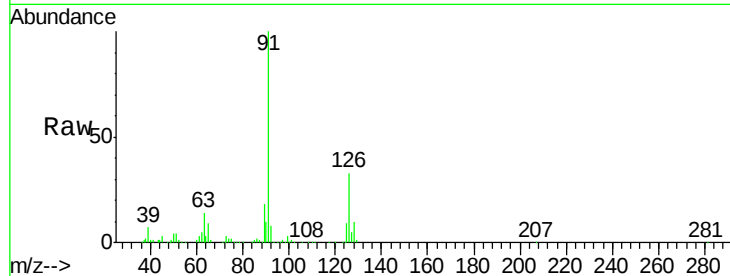




#79
 2-Chlorotoluene
 Concen: 20.339 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX020093.D
 Acq: 17 Dec 2020 02:48

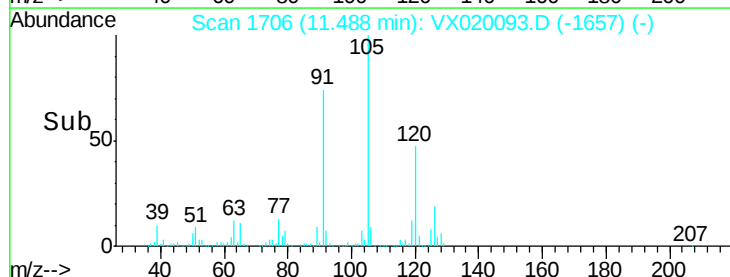
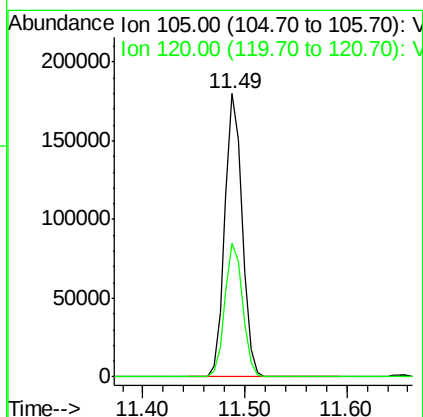
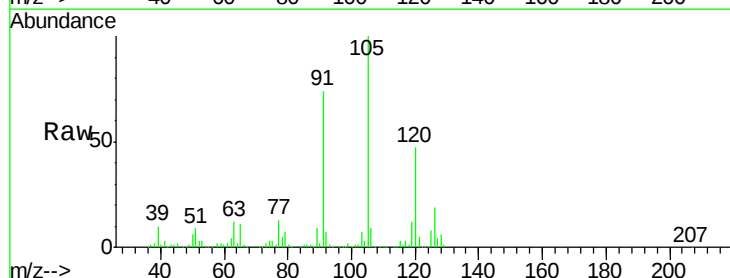
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBSD02

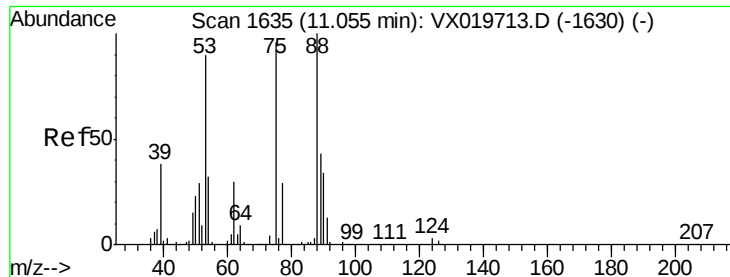
Tgt Ion: 91 Resp: 178726
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 20.219 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX020093.D
 Acq: 17 Dec 2020 02:48

Tgt Ion: 105 Resp: 213191
 Ion Ratio Lower Upper
 105 100
 120 48.2 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 17.573 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX020093.D

Acq: 17 Dec 2020 02:48

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBSD02

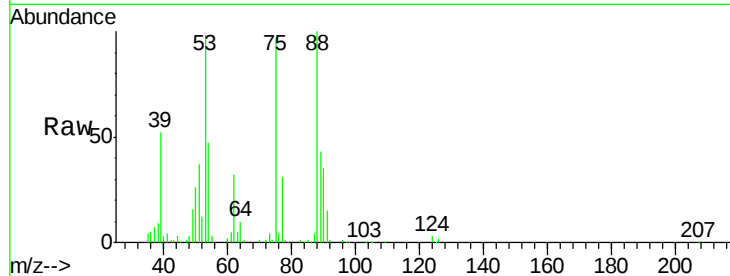
Tgt Ion: 75 Resp: 24932

Ion Ratio Lower Upper

75 100

53 100.8 74.5 111.7

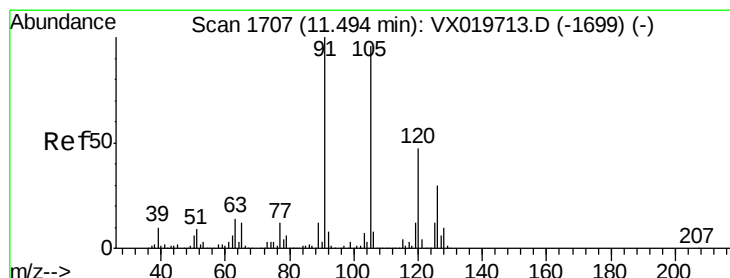
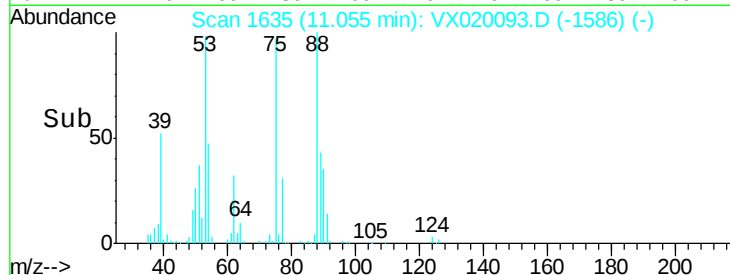
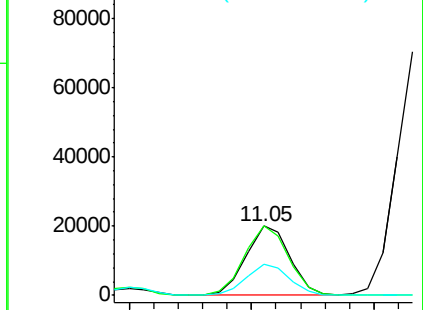
89 44.5 37.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.068 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX020093.D

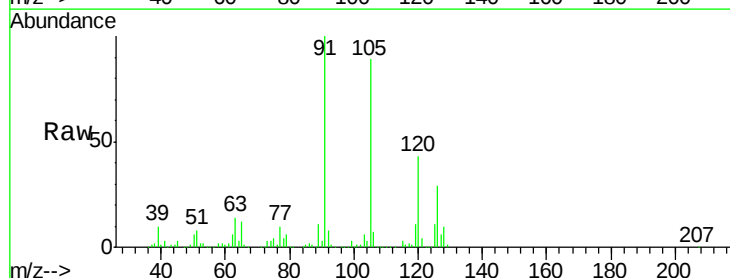
Acq: 17 Dec 2020 02:48

Tgt Ion: 91 Resp: 206533

Ion Ratio Lower Upper

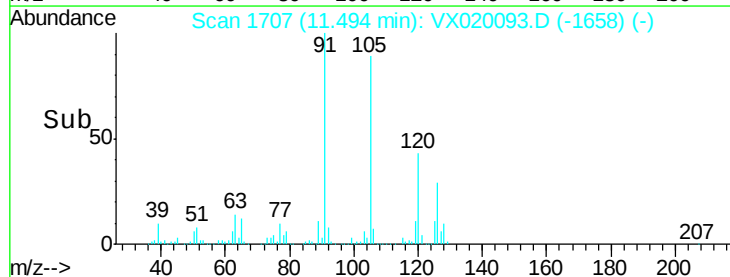
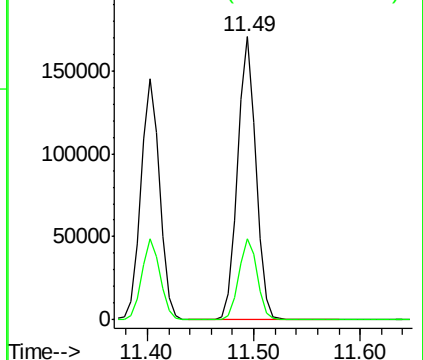
91 100

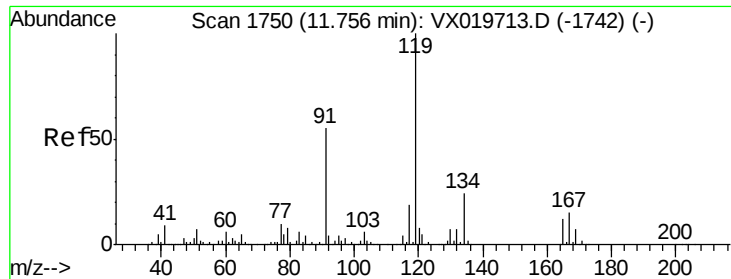
126 28.5 14.9 44.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

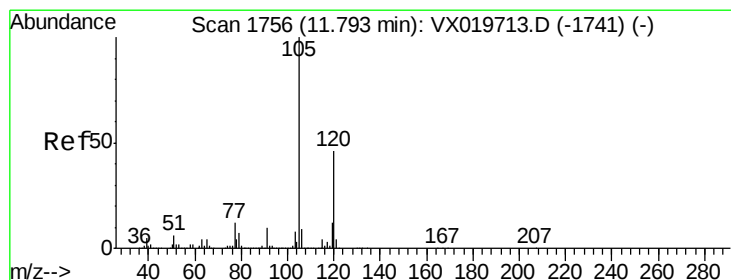
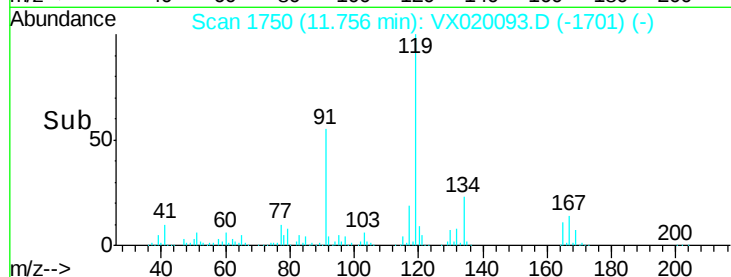
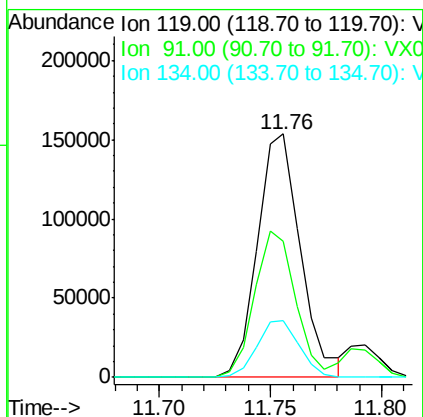
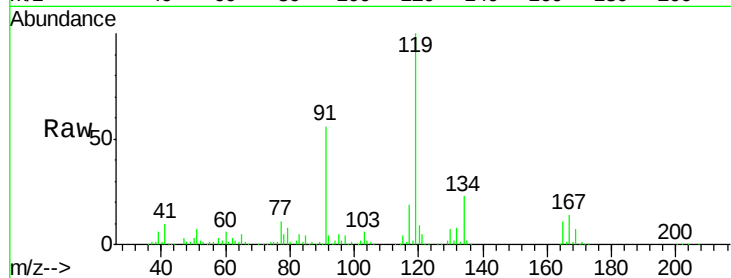




#83
 tert-Butylbenzene
 Concen: 19.999 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX020093.D
 Acq: 17 Dec 2020 02:48

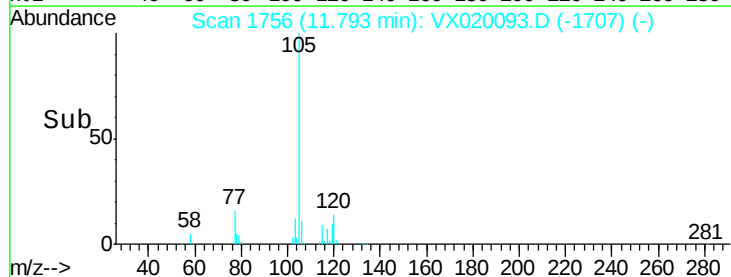
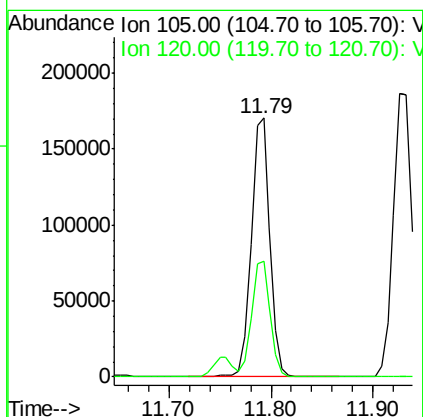
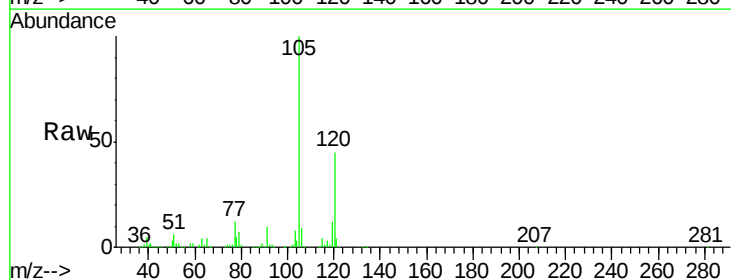
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBSD02

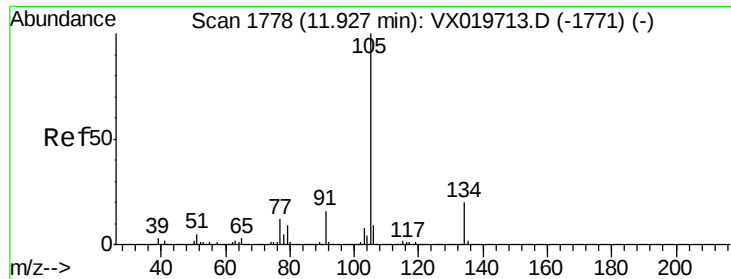
Tgt Ion:119 Resp: 206815
 Ion Ratio Lower Upper
 119 100
 91 57.2 27.9 83.7
 134 22.9 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.478 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX020093.D
 Acq: 17 Dec 2020 02:48

Tgt Ion:105 Resp: 217496
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.4 67.3

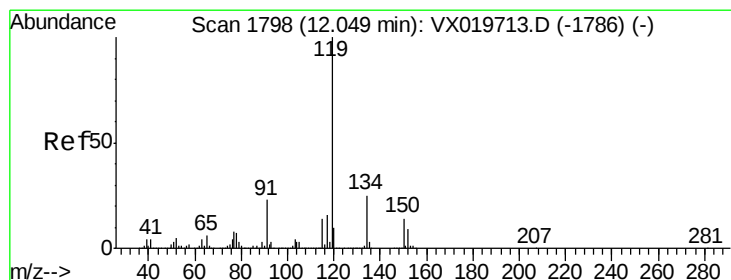
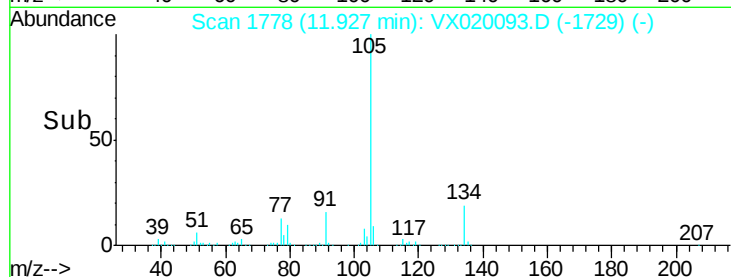
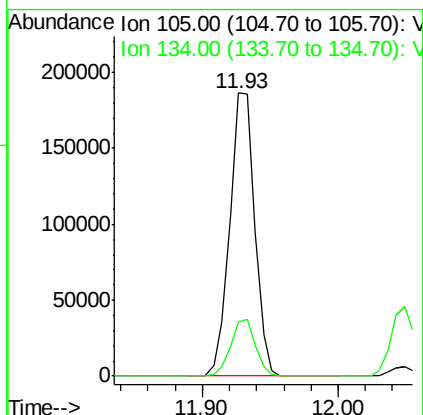
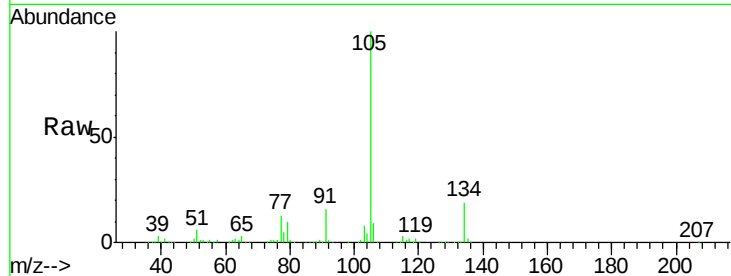




#85
 sec-Butylbenzene
 Concen: 20.161 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX020093.D
 Acq: 17 Dec 2020 02:48

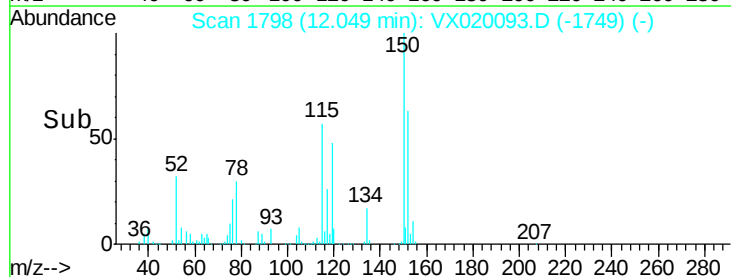
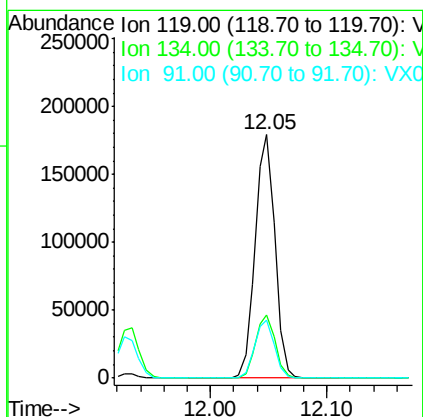
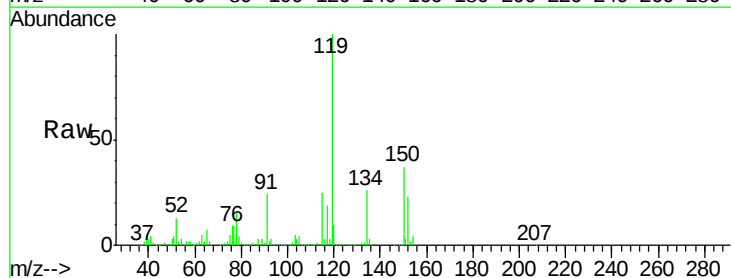
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBSD02

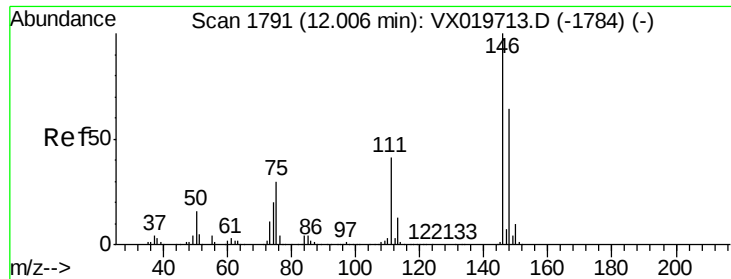
Tgt Ion:105 Resp: 238029
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 19.720 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX020093.D
 Acq: 17 Dec 2020 02:48

Tgt Ion:119 Resp: 213381
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.7
 91 23.8 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 19.138 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX020093.D

Acq: 17 Dec 2020 02:48

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBSD02

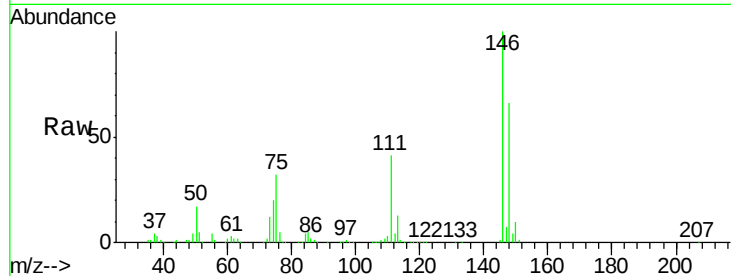
Tgt Ion:146 Resp: 112305

Ion Ratio Lower Upper

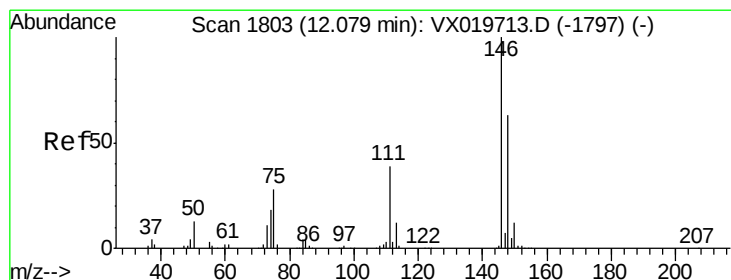
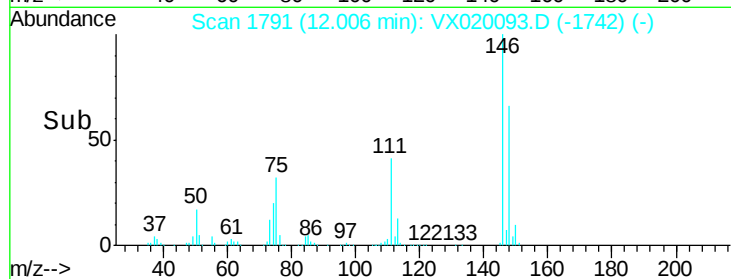
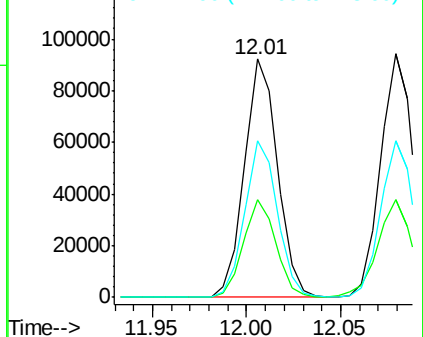
146 100

111 40.3 20.2 60.5

148 65.1 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.234 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX020093.D

Acq: 17 Dec 2020 02:48

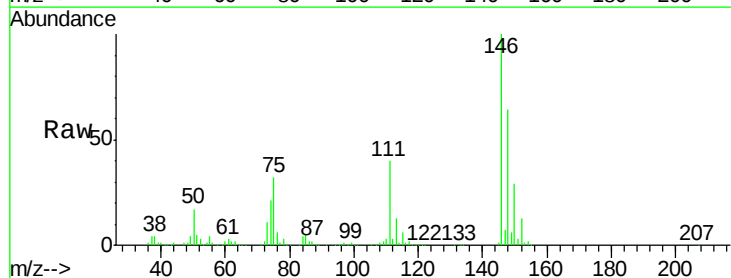
Tgt Ion:146 Resp: 114958

Ion Ratio Lower Upper

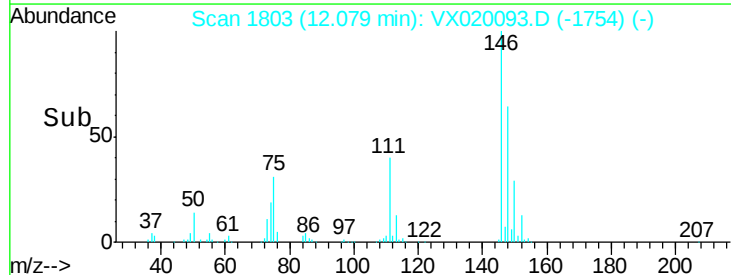
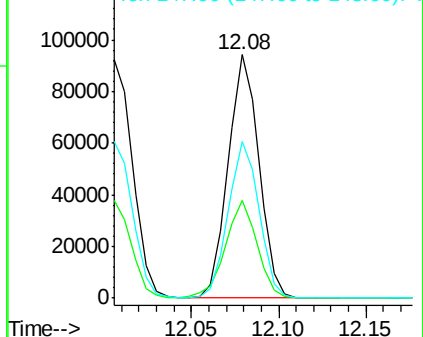
146 100

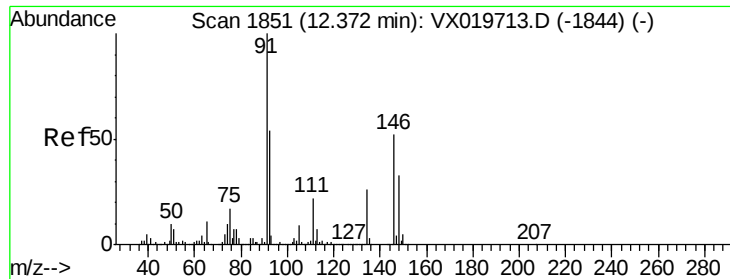
111 41.4 19.6 58.8

148 65.0 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.422 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX020093.D

Acq: 17 Dec 2020 02:48

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBSD02

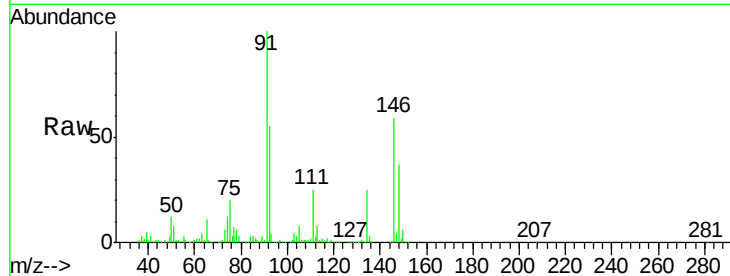
Tgt Ion: 91 Resp: 176600

Ion Ratio Lower Upper

91 100

92 54.2 27.4 82.0

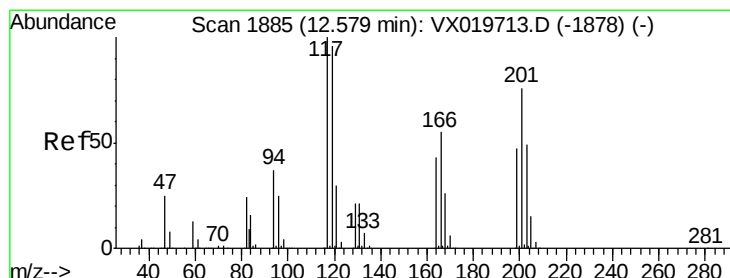
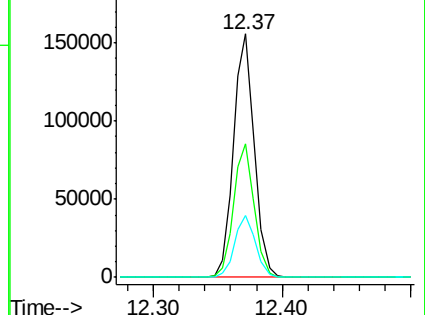
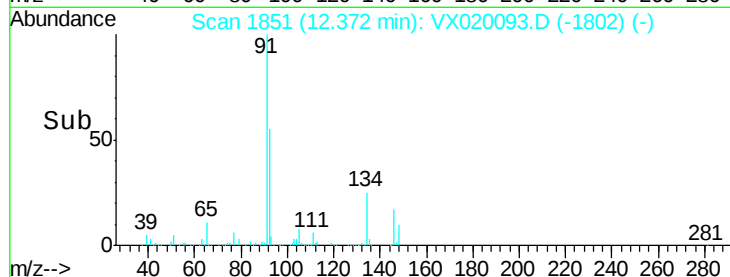
134 25.3 13.2 39.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.208 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX020093.D

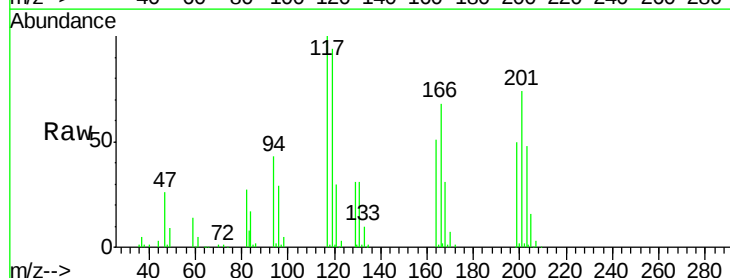
Acq: 17 Dec 2020 02:48

Tgt Ion: 117 Resp: 35882

Ion Ratio Lower Upper

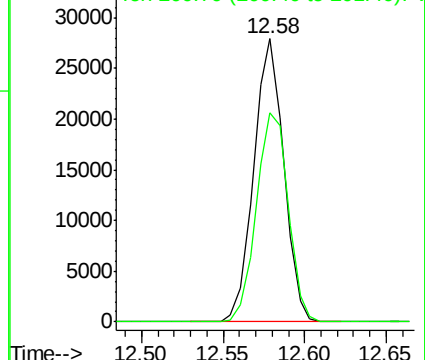
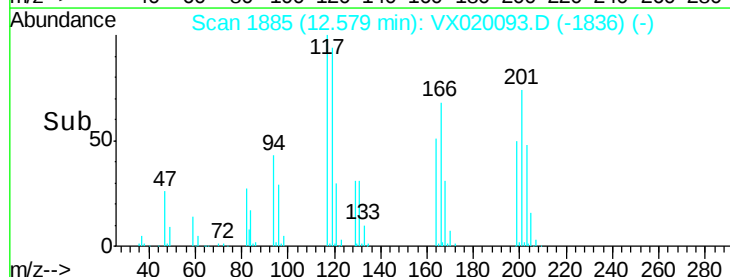
117 100

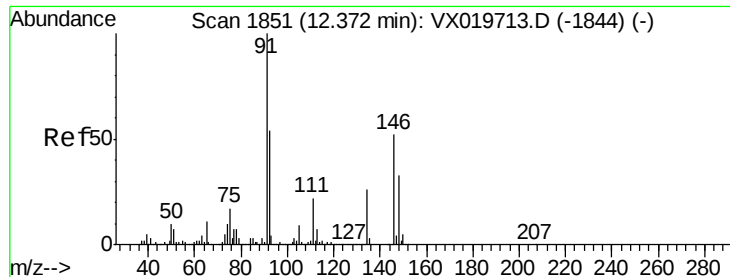
201 78.1 40.4 121.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 20.325 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX020093.D

Acq: 17 Dec 2020 02:48

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBSD02

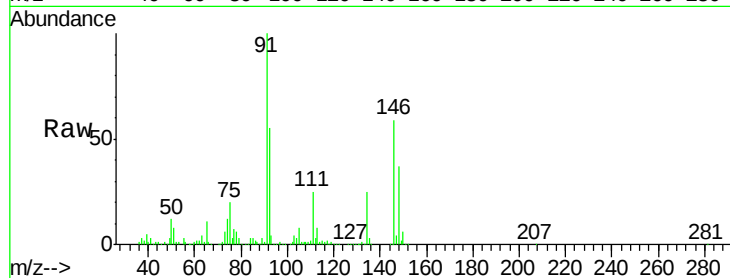
Tgt Ion:146 Resp: 116266

Ion Ratio Lower Upper

146 100

111 41.9 20.8 62.2

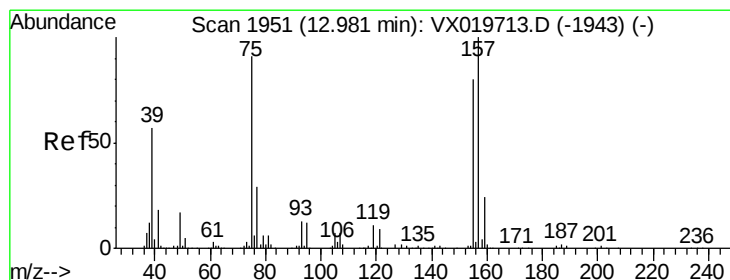
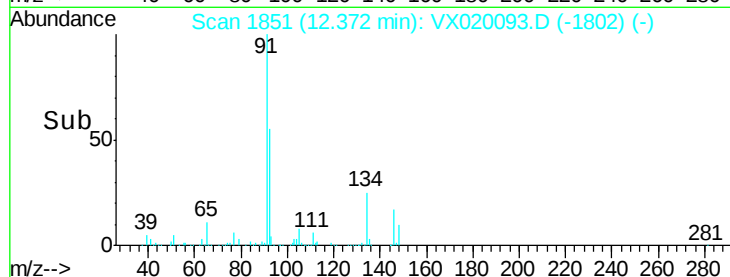
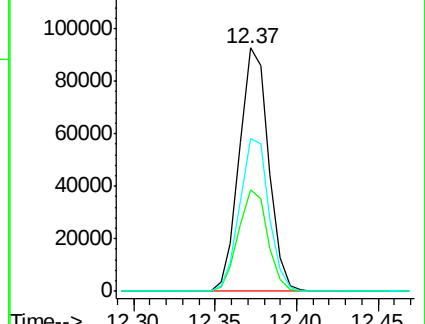
148 63.3 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.809 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX020093.D

Acq: 17 Dec 2020 02:48

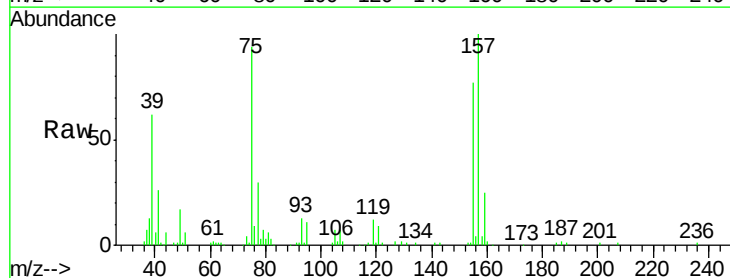
Tgt Ion: 75 Resp: 19704

Ion Ratio Lower Upper

75 100

155 83.7 45.3 135.9

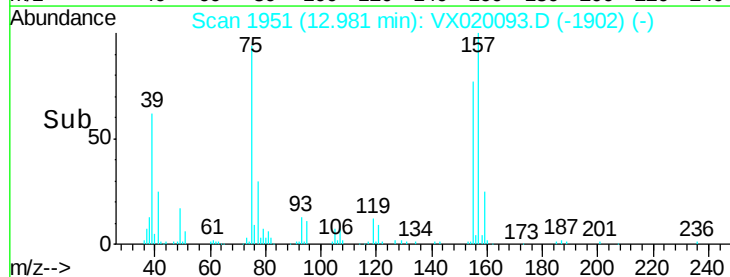
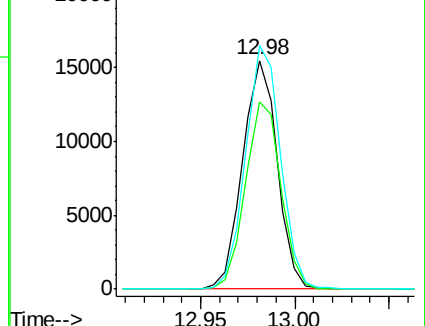
157 107.6 57.7 173.1

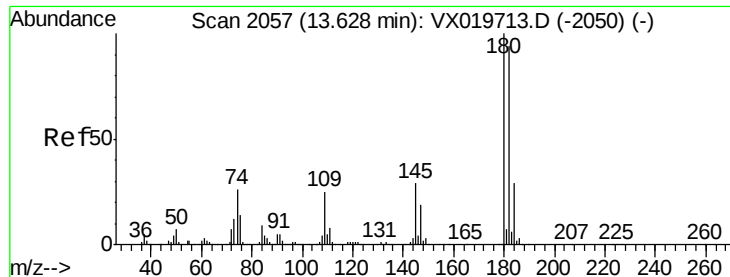


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

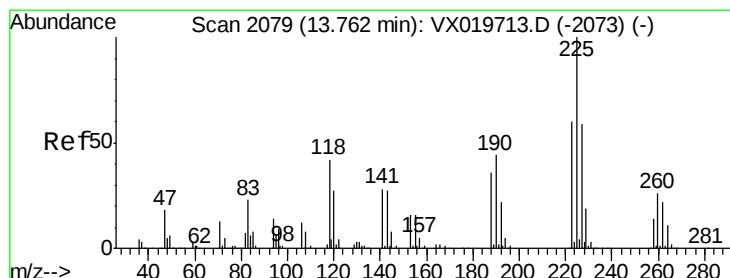
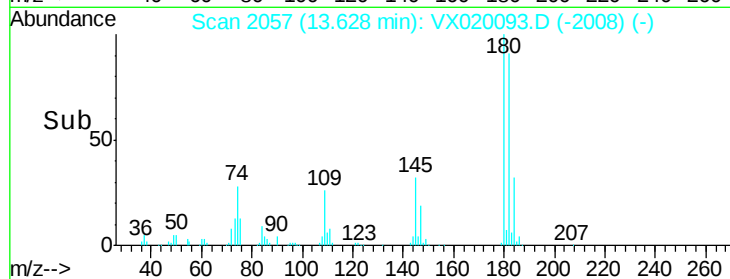
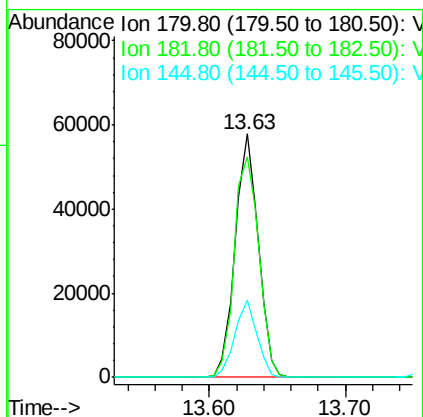
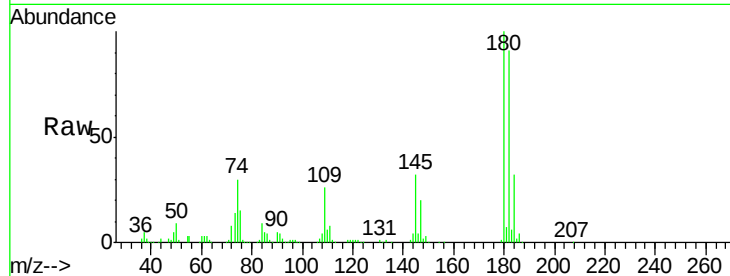




#93
 1,2,4-Trichlorobenzene
 Concen: 18.320 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX020093.D
 Acq: 17 Dec 2020 02:48

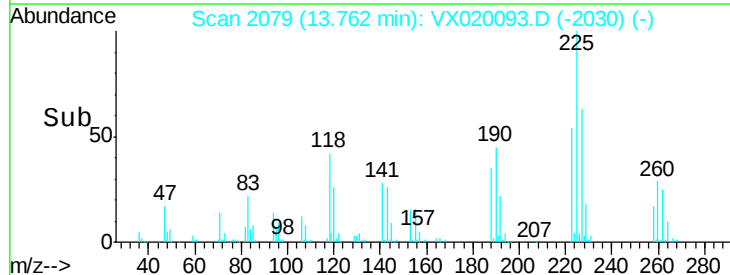
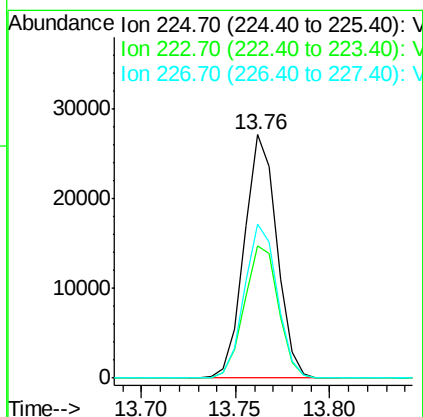
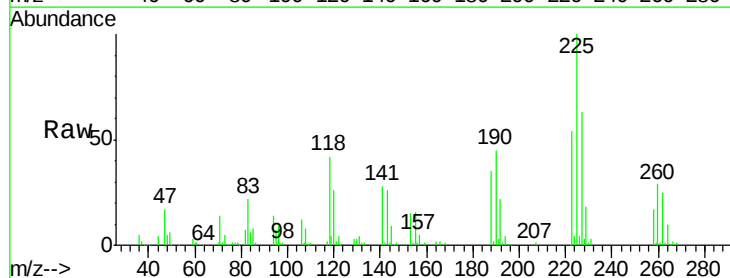
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBSD02

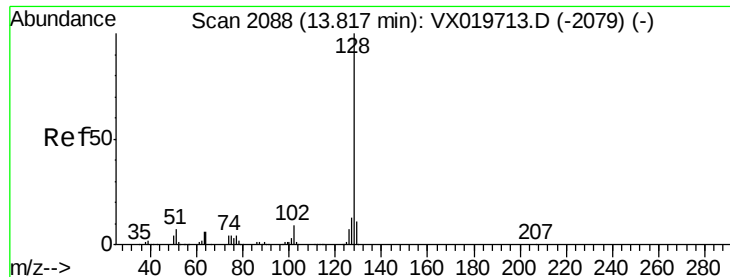
Tgt Ion:180 Resp: 68218
 Ion Ratio Lower Upper
 180 100
 182 96.9 47.7 143.1
 145 30.9 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 19.474 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX020093.D
 Acq: 17 Dec 2020 02:48

Tgt Ion:225 Resp: 32410
 Ion Ratio Lower Upper
 225 100
 223 56.9 31.1 93.2
 227 63.8 31.6 95.0

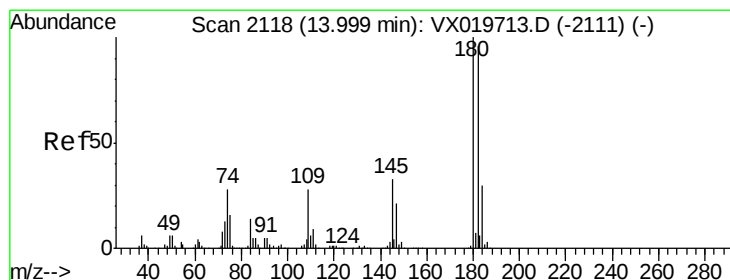
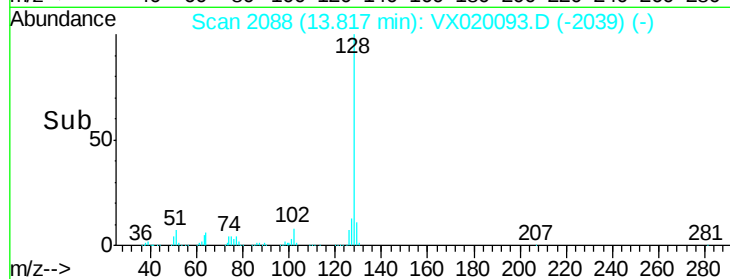
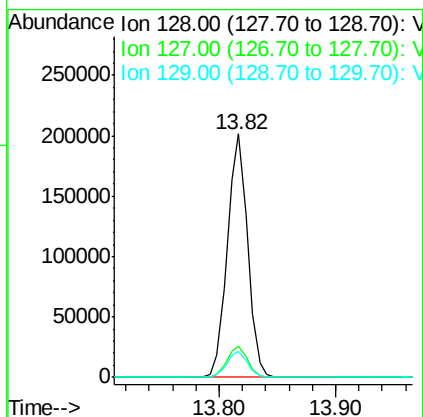
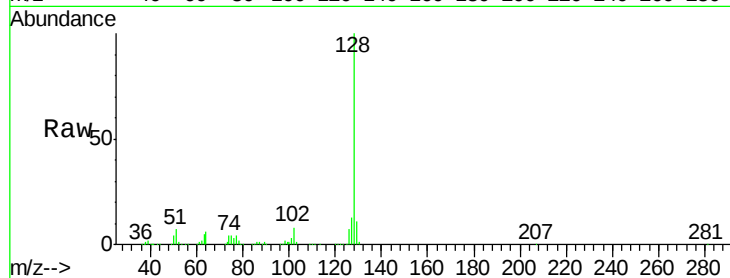




#95
Naphthalene
Concen: 20.106 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX020093.D
Acq: 17 Dec 2020 02:48

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD02

Tgt Ion:128 Resp: 242716
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.154 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX020093.D
Acq: 17 Dec 2020 02:48

Tgt Ion:180 Resp: 73342
Ion Ratio Lower Upper
180 100
182 95.3 47.6 142.9
145 32.2 16.1 48.3

